

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
 Data File : VD073791.D
 Acq On : 06 Jul 2022 14:49
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Jul 07 04:56:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 07 04:53:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	7.967	168	120878	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.856	114	229159	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	207481	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	92659	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	32551	26.722	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	53.440%		
35) Dibromofluoromethane	7.909	113	31750	25.188	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	50.380%#		
50) Toluene-d8	10.332	98	109873	23.981	ug/l	0.00
Spiked Amount 50.000	Range 78 - 12		Recovery =	47.960%#		
62) 4-Bromofluorobenzene	12.620	95	41767	22.950	ug/l	0.00
Spiked Amount 50.000	Range 50 - 14		Recovery =	45.900%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	18473	24.703	ug/l	96
3) Chloromethane	2.209	50	23291	26.748	ug/l	98
4) Vinyl Chloride	2.344	62	29281	29.639	ug/l	99
5) Bromomethane	2.744	94	19905	28.252	ug/l	87
6) Chloroethane	2.903	64	21175	29.063	ug/l	99
7) Trichlorofluoromethane	3.256	101	41731	23.697	ug/l	91
8) Diethyl Ether	3.703	74	11640	19.792	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.085	101	26728	23.158	ug/l	96
10) Methyl Iodide	4.291	142	16608	20.456	ug/l	96
11) Tert butyl alcohol	5.191	59	24556m	81.054	ug/l	
12) 1,1-Dichloroethene	4.056	96	20699	20.964	ug/l	87
13) Acrolein	3.921	56	6595	147.095	ug/l	96
14) Allyl chloride	4.709	41	38348	22.272	ug/l	99
15) Acrylonitrile	5.415	53	33420	103.062	ug/l	98
16) Acetone	4.150	43	28818	114.219	ug/l #	88
17) Carbon Disulfide	4.403	76	37688	24.268	ug/l	100
18) Methyl Acetate	4.715	43	18104	18.535	ug/l	95
19) Methyl tert-butyl Ether	5.468	73	68789	21.038	ug/l	97
20) Methylene Chloride	4.956	84	38106	23.610	ug/l	96
21) trans-1,2-Dichloroethene	5.468	96	25005	22.334	ug/l	95
22) Diisopropyl ether	6.362	45	93503	21.385	ug/l	96
23) Vinyl Acetate	6.297	43	244698	109.477	ug/l	95
24) 1,1-Dichloroethane	6.250	63	54000	22.103	ug/l	94
25) 2-Butanone	7.209	43	42845	101.902	ug/l	99
26) 2,2-Dichloropropane	7.203	77	50386	22.577	ug/l	99
27) cis-1,2-Dichloroethene	7.203	96	33411	21.900	ug/l	97
28) Bromochloromethane	7.532	49	18988	20.318	ug/l	98
29) Tetrahydrofuran	7.562	42	27534	104.923	ug/l	97
30) Chloroform	7.703	83	58712	22.492	ug/l	92
31) Cyclohexane	7.979	56	40103	21.330	ug/l	93
32) 1,1,1-Trichloroethane	7.891	97	51090	22.475	ug/l	97
36) 1,1-Dichloropropene	8.103	75	38652	22.283	ug/l	100
37) Ethyl Acetate	7.285	43	20624	22.047	ug/l	99
38) Carbon Tetrachloride	8.091	117	42660	22.631	ug/l	93
39) Methylcyclohexane	9.350	83	40192	20.653	ug/l	96
40) Benzene	8.344	78	107634	20.872	ug/l	91

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
 Data File : VD073791.D
 Acq On : 06 Jul 2022 14:49
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 04:56:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 07 04:53:08 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.520	41	10507	17.881	ug/l	94
42) 1,2-Dichloroethane	8.420	62	36345	22.793	ug/l	97
43) Isopropyl Acetate	8.444	43	41122	20.627	ug/l	99
44) Trichloroethene	9.103	130	29119	21.454	ug/l	92
45) 1,2-Dichloropropane	9.379	63	31198	21.089	ug/l	97
46) Dibromomethane	9.467	93	16863	21.544	ug/l	98
47) Bromodichloromethane	9.650	83	46933	22.137	ug/l #	96
48) Methyl methacrylate	9.450	41	17998	20.190	ug/l	97
49) 1,4-Dioxane	9.456	88	4180	396.453	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	102820	100.636	ug/l	97
52) Toluene	10.397	92	70539	20.503	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	42332	20.453	ug/l	100
54) cis-1,3-Dichloropropene	10.079	75	47174	20.262	ug/l	94
55) 1,1,2-Trichloroethane	10.791	97	24140	20.744	ug/l	92
56) Ethyl methacrylate	10.656	69	29471	19.175	ug/l	97
57) 1,3-Dichloropropane	10.938	76	41404	21.093	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	58349	94.911	ug/l	99
59) 2-Hexanone	10.973	43	68769	99.134	ug/l	100
60) Dibromochloromethane	11.126	129	28015	19.730	ug/l	93
61) 1,2-Dibromoethane	11.238	107	21502	20.104	ug/l	89
64) Tetrachloroethene	10.867	164	21508	20.317	ug/l	90
65) Chlorobenzene	11.661	112	80822	20.973	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	28678	19.668	ug/l	96
67) Ethyl Benzene	11.732	91	145349	20.620	ug/l	97
68) m/p-Xylenes	11.844	106	109492	40.763	ug/l	99
69) o-Xylene	12.167	106	52480	20.007	ug/l	99
70) Styrene	12.185	104	90078	19.936	ug/l	99
71) Bromoform	12.350	173	15008	19.515	ug/l #	95
73) Isopropylbenzene	12.467	105	148759	21.112	ug/l	100
74) N-amyl acetate	12.273	43	37591	19.432	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	29586	20.811	ug/l	98
76) 1,2,3-Trichloropropane	12.767	75	20000m	22.711	ug/l	
77) Bromobenzene	12.744	156	30452	21.116	ug/l	94
78) n-propylbenzene	12.808	91	186115	21.139	ug/l	100
79) 2-Chlorotoluene	12.897	91	105027	21.258	ug/l	99
80) 1,3,5-Trimethylbenzene	12.944	105	120518	20.520	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.514	75	9064	19.767	ug/l	95
82) 4-Chlorotoluene	12.991	91	108963	21.180	ug/l	98
83) tert-Butylbenzene	13.208	119	108272	20.759	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	120938	20.871	ug/l	100
85) sec-Butylbenzene	13.385	105	168378	21.033	ug/l	99
86) p-Isopropyltoluene	13.502	119	131506	20.498	ug/l	97
87) 1,3-Dichlorobenzene	13.502	146	62154	20.576	ug/l	97
88) 1,4-Dichlorobenzene	13.579	146	63854	21.208	ug/l	98
89) n-Butylbenzene	13.826	91	135933	20.999	ug/l	99
90) Hexachloroethane	14.097	117	26829	20.917	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	55799	20.772	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	4917	20.677	ug/l	94
93) 1,2,4-Trichlorobenzene	15.144	180	31363	19.839	ug/l	99
94) Hexachlorobutadiene	15.249	225	15677	20.084	ug/l	99
95) Naphthalene	15.379	128	68899	19.513	ug/l	99
96) 1,2,3-Trichlorobenzene	15.573	180	28061	20.288	ug/l	100

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
Data File : VD073791.D
Acq On : 06 Jul 2022 14:49
Operator : VA/SY
Sample : VSTDICC020
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC020

Manual Integrations
APPROVED

Reviewed By : John Carlone 07/07/2022
Supervised By : Mahesh Dadoda 07/07/2022

Quant Time: Jul 07 04:56:24 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
Quant Title : SW846 8260
QLast Update : Thu Jul 07 04:53:08 2022
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
----------	------	------	----------	------	-------	----------

(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD070622\
 Data File : VD073791.D
 Acq On : 06 Jul 2022 14:49
 Operator : VA/SY
 Sample : VSTDIC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDIC020

Quant Time: Jul 07 04:56:24 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D070622S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jul 07 04:53:08 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 07/07/2022
 Supervised By : Mahesh Dadoda 07/07/2022

