

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020723\
 Data File : VD075254.D
 Acq On : 07 Feb 2023 10:21
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 04:17:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 03:23:17 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	59322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	100255	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	89717	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	43229	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	3932	5.653	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	11.300%#		
35) Dibromofluoromethane	7.816	113	3701	5.265	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	10.520%#		
50) Toluene-d8	10.269	98	13399	5.026	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	10.060%#		
62) 4-Bromofluorobenzene	12.575	95	4566	5.194	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	10.380%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	3151	3.227	ug/l	98
3) Chloromethane	2.146	50	6580	2.710	ug/l	91
4) Vinyl Chloride	2.281	62	5941	6.020	ug/l	99
5) Bromomethane	2.687	94	3889	6.159	ug/l	96
6) Chloroethane	2.840	64	3841	5.642	ug/l	92
7) Trichlorofluoromethane	3.175	101	6870	5.599	ug/l	97
8) Diethyl Ether	3.587	74	1762	5.341	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.958	101	3859	5.542	ug/l	95
10) Methyl Iodide	4.158	142	2947	5.878	ug/l #	91
11) Tert butyl alcohol	5.052	59	1457	37.349	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	3483	5.246	ug/l	94
13) Acrolein	3.799	56	886	2.462	ug/l	93
14) Allyl chloride	4.558	41	5786	5.238	ug/l	90
15) Acrylonitrile	5.264	53	4045m	23.114	ug/l	
16) Acetone	4.028	43	4198	22.824	ug/l #	88
17) Carbon Disulfide	4.264	76	12131	5.922	ug/l	99
18) Methyl Acetate	4.558	43	3418	4.382	ug/l #	81
19) Methyl tert-butyl Ether	5.322	73	7798	5.116	ug/l	94
20) Methylene Chloride	4.805	84	7136	3.610	ug/l #	80
21) trans-1,2-Dichloroethene	5.316	96	3799	5.056	ug/l #	83
22) Diisopropyl ether	6.222	45	11044	5.026	ug/l	89
23) Vinyl Acetate	6.152	43	13159	20.243	ug/l	95
24) 1,1-Dichloroethane	6.111	63	7291	5.322	ug/l #	94
25) 2-Butanone	7.087	43	5681	24.927	ug/l	93
26) 2,2-Dichloropropane	7.075	77	6357	5.243	ug/l	92
27) cis-1,2-Dichloroethene	7.081	96	4284	5.096	ug/l	93
28) Bromochloromethane	7.428	49	2327	3.088	ug/l #	79
29) Tetrahydrofuran	7.452	42	3158	25.733	ug/l	95
30) Chloroform	7.599	83	7823	5.548	ug/l	89
31) Cyclohexane	7.875	56	7483	6.058	ug/l #	81
32) 1,1,1-Trichloroethane	7.793	97	6507	5.159	ug/l	97
36) 1,1-Dichloropropene	8.010	75	5506	5.028	ug/l	95
37) Ethyl Acetate	7.169	43	2581	5.404	ug/l #	67
38) Carbon Tetrachloride	7.993	117	4616	4.549	ug/l	96
39) Methylcyclohexane	9.275	83	6346	5.007	ug/l	92
40) Benzene	8.252	78	15846	5.149	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020723\
 Data File : VD075254.D
 Acq On : 07 Feb 2023 10:21
 Operator : KP/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/soil
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 02/08/2023
 Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 04:17:07 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 08 03:23:17 2023
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	1273	3.864	ug/l #	22
42) 1,2-Dichloroethane	8.328	62	4498	5.048	ug/l	80
43) Isopropyl Acetate	8.369	43	4482	4.911	ug/l #	85
44) Trichloroethene	9.028	130	4453	5.249	ug/l	98
45) 1,2-Dichloropropane	9.305	63	4381	5.605	ug/l	93
46) Dibromomethane	9.393	93	2257	5.210	ug/l	95
47) Bromodichloromethane	9.587	83	5437	5.043	ug/l	94
48) Methyl methacrylate	9.375	41	2216	5.113	ug/l	91
49) 1,4-Dioxane	9.387	88	176	60.118	ug/l #	21
51) 4-Methyl-2-Pentanone	10.157	43	10886	23.595	ug/l	95
52) Toluene	10.334	92	9372	4.834	ug/l	93
53) t-1,3-Dichloropropene	10.551	75	4258	4.560	ug/l	97
54) cis-1,3-Dichloropropene	10.016	75	5145	4.608	ug/l	91
55) 1,1,2-Trichloroethane	10.740	97	2727	4.932	ug/l	96
56) Ethyl methacrylate	10.599	69	2639	4.105	ug/l #	74
57) 1,3-Dichloropropane	10.881	76	4685	4.974	ug/l	95
58) 2-Chloroethyl Vinyl ether	9.869	63	3147	33.010	ug/l	100
59) 2-Hexanone	10.922	43	7262	21.545	ug/l	97
60) Dibromochloromethane	11.081	129	3124	4.560	ug/l	95
61) 1,2-Dibromoethane	11.181	107	2666	5.000	ug/l	99
64) Tetrachloroethene	10.810	164	3699	5.353	ug/l	91
65) Chlorobenzene	11.604	112	10573	5.226	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.681	131	3379	4.587	ug/l	88
67) Ethyl Benzene	11.687	91	18497	4.952	ug/l	97
68) m/p-Xylenes	11.798	106	13992	9.847	ug/l	99
69) o-Xylene	12.122	106	6191	4.665	ug/l	89
70) Styrene	12.134	104	10668	4.745	ug/l	100
71) Bromoform	12.298	173	1742	4.403	ug/l #	86
73) Isopropylbenzene	12.422	105	16420	4.689	ug/l	100
74) N-amyl acetate	12.234	43	3628	4.610	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.681	83	3144	5.160	ug/l #	96
76) 1,2,3-Trichloropropane	12.728	75	2721m	3.775	ug/l	
77) Bromobenzene	12.704	156	4017	5.066	ug/l	94
78) n-propylbenzene	12.763	91	20421	4.686	ug/l	99
79) 2-Chlorotoluene	12.851	91	11674	4.884	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	13686	4.694	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	494	5.223	ug/l #	82
82) 4-Chlorotoluene	12.951	91	12246	4.911	ug/l	98
83) tert-Butylbenzene	13.169	119	12036	4.788	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	13695	4.702	ug/l	99
85) sec-Butylbenzene	13.345	105	18349	4.758	ug/l	99
86) p-Isopropyltoluene	13.463	119	13725	4.351	ug/l	95
87) 1,3-Dichlorobenzene	13.463	146	7802	4.868	ug/l	94
88) 1,4-Dichlorobenzene	13.540	146	8290	5.169	ug/l	95
89) n-Butylbenzene	13.787	91	14365	4.664	ug/l	97
90) Hexachloroethane	14.057	117	2895	4.655	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	6944	4.993	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	438	4.635	ug/l #	68
93) 1,2,4-Trichlorobenzene	15.104	180	4362	5.008	ug/l	96
94) Hexachlorobutadiene	15.204	225	2258	4.914	ug/l	88
95) Naphthalene	15.339	128	7768	4.792	ug/l	98
96) 1,2,3-Trichlorobenzene	15.528	180	3591	4.778	ug/l	96

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD020723\
Data File : VD075254.D
Acq On : 07 Feb 2023 10:21
Operator : KP/SY
Sample : VSTDICC005
Misc : 5.00G/5.00ml/MSVOA_D/SOIL
ALS Vial : 3 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC005

Manual Integrations
APPROVED

Reviewed By :Krupa Patel 02/08/2023
Supervised By :Mahesh Dadoda 02/08/2023

Quant Time: Feb 08 04:17:07 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D020723S.M
Quant Title : SW846 8260
QLast Update : Wed Feb 08 03:23:17 2023
Response via : Initial Calibration

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

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

