

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078658.D
 Acq On : 14 Mar 2024 10:28
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024

Quant Time: Mar 15 05:25:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	123907	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	212441	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	198468	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	97336	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	10837	9.333	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	18.660%#		
35) Dibromofluoromethane	7.810	113	12514	9.149	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	18.300%#		
50) Toluene-d8	10.269	98	44810	8.908	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	17.820%#		
62) 4-Bromofluorobenzene	12.569	95	12873	8.747	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	17.500%#		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	12576	10.905	ug/l	89
3) Chloromethane	2.152	50	19344	10.624	ug/l	100
4) Vinyl Chloride	2.287	62	28780	10.714	ug/l	98
5) Bromomethane	2.699	94	27911	10.853	ug/l	95
6) Chloroethane	2.846	64	21741	10.379	ug/l	99
7) Trichlorofluoromethane	3.181	101	22773	10.717	ug/l	98
8) Diethyl Ether	3.599	74	6331	10.204	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.970	101	14535	10.899	ug/l #	43
10) Methyl Iodide	4.170	142	15278	9.685	ug/l	96
11) Tert butyl alcohol	5.040	59	2317m	44.586	ug/l	
12) 1,1-Dichloroethene	3.940	96	13269	10.466	ug/l	92
13) Acrolein	3.805	56	4577	56.224	ug/l	98
14) Allyl chloride	4.564	41	15101	10.675	ug/l	96
15) Acrylonitrile	5.264	53	12582	50.306	ug/l	95
16) Acetone	4.034	43	11056	49.237	ug/l	95
17) Carbon Disulfide	4.281	76	44962	10.818	ug/l	99
18) Methyl Acetate	4.564	43	4254	8.828	ug/l #	70
19) Methyl tert-butyl Ether	5.322	73	24972	9.767	ug/l	98
20) Methylene Chloride	4.811	84	22677	11.015	ug/l #	93
21) trans-1,2-Dichloroethene	5.328	96	15132	10.115	ug/l	87
22) Diisopropyl ether	6.228	45	33911	10.544	ug/l #	95
23) Vinyl Acetate	6.158	43	91531	48.653	ug/l #	88
24) 1,1-Dichloroethane	6.116	63	26130	10.836	ug/l	97
25) 2-Butanone	7.087	43	14999	50.242	ug/l	90
26) 2,2-Dichloropropane	7.081	77	21001	10.294	ug/l	100
27) cis-1,2-Dichloroethene	7.087	96	17369	10.180	ug/l	98
28) Bromochloromethane	7.422	49	8847	10.291	ug/l	95
29) Tetrahydrofuran	7.452	42	7712	47.495	ug/l	99
30) Chloroform	7.599	83	30056	11.179	ug/l	94
31) Cyclohexane	7.881	56	21277	10.901	ug/l #	92
32) 1,1,1-Trichloroethane	7.799	97	23574	10.334	ug/l	97
36) 1,1-Dichloropropene	8.010	75	19855	10.005	ug/l	95
37) Ethyl Acetate	7.175	43	6553	10.107	ug/l #	94
38) Carbon Tetrachloride	7.993	117	22427	10.719	ug/l	95
39) Methylcyclohexane	9.281	83	22567	9.802	ug/l	96
40) Benzene	8.252	78	62113	10.354	ug/l	99

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078658.D
 Acq On : 14 Mar 2024 10:28
 Operator : RP/MD
 Sample : VSTDICC010
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC010

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024

Quant Time: Mar 15 05:25:07 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.416	41	3799m	10.759	ug/l	
42) 1,2-Dichloroethane	8.328	62	14803	10.118	ug/l	99
43) Isopropyl Acetate	8.363	43	11926	10.115	ug/l #	80
44) Trichloroethene	9.028	130	16789	10.312	ug/l	90
45) 1,2-Dichloropropane	9.305	63	15431	10.843	ug/l	99
46) Dibromomethane	9.399	93	8720	10.222	ug/l	98
47) Bromodichloromethane	9.587	83	20951	10.316	ug/l	95
48) Methyl methacrylate	9.387	41	5981	10.411	ug/l	91
49) 1,4-Dioxane	9.381	88	1483	187.753	ug/l #	62
51) 4-Methyl-2-Pentanone	10.163	43	29045	47.120	ug/l	98
52) Toluene	10.334	92	38149	9.877	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	18622	10.029	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	21466	9.617	ug/l	95
55) 1,1,2-Trichloroethane	10.734	97	11785	10.316	ug/l #	82
56) Ethyl methacrylate	10.599	69	10248	8.948	ug/l	94
57) 1,3-Dichloropropane	10.881	76	18540	10.058	ug/l	96
58) 2-Chloroethyl Vinyl ether	9.869	63	23899	47.327	ug/l	98
59) 2-Hexanone	10.922	43	21664	47.410	ug/l	94
60) Dibromochloromethane	11.075	129	14433	10.245	ug/l	99
61) 1,2-Dibromoethane	11.181	107	11335	10.253	ug/l	98
64) Tetrachloroethene	10.810	164	13440	10.233	ug/l	97
65) Chlorobenzene	11.604	112	43963	10.600	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	14913	9.818	ug/l	93
67) Ethyl Benzene	11.681	91	66223	9.370	ug/l	99
68) m/p-Xylenes	11.793	106	54388	18.952	ug/l	98
69) o-Xylene	12.122	106	24321	9.160	ug/l	96
70) Styrene	12.134	104	40310	9.045	ug/l	96
71) Bromoform	12.293	173	8198	9.987	ug/l #	92
73) Isopropylbenzene	12.422	105	63420	9.896	ug/l	99
74) N-amyl acetate	12.234	43	10113	9.719	ug/l #	97
75) 1,1,2,2-Tetrachloroethane	12.669	83	12753	10.750	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	8329m	11.129	ug/l	
77) Bromobenzene	12.704	156	15830	9.960	ug/l	93
78) n-propylbenzene	12.763	91	77635	9.952	ug/l	100
79) 2-Chlorotoluene	12.846	91	43672	10.205	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	51357	9.691	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	3635	10.161	ug/l	92
82) 4-Chlorotoluene	12.946	91	46670	10.311	ug/l	99
83) tert-Butylbenzene	13.169	119	44047	9.639	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	52387	9.809	ug/l	98
85) sec-Butylbenzene	13.345	105	67682	9.787	ug/l	100
86) p-Isopropyltoluene	13.463	119	56103	9.477	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	32799	9.779	ug/l	95
88) 1,4-Dichlorobenzene	13.534	146	33541	10.148	ug/l	97
89) n-Butylbenzene	13.787	91	52557	9.830	ug/l	98
90) Hexachloroethane	14.057	117	12803	10.452	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	29717	10.288	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.445	75	1596	10.056	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	15626	9.269	ug/l	98
94) Hexachlorobutadiene	15.204	225	9262	10.148	ug/l	95
95) Naphthalene	15.334	128	26227	8.948	ug/l #	97
96) 1,2,3-Trichlorobenzene	15.522	180	14017	9.611	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
Data File : VD078658.D
Acq On : 14 Mar 2024 10:28
Operator : RP/MD
Sample : VSTDICC010
Misc : 5.00G/5ml/MSVOA_D/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTDICC010

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
Supervised By :Semsettin Yesilyurt 03/15/2024

Quant Time: Mar 15 05:25:07 2024
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
Quant Title : SW846 8260
QLast Update : Fri Mar 15 05:17:07 2024
Response via : Initial Calibration

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

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

