

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078037.D
 Acq On : 21 Dec 2023 20:16
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Dec 22 05:37:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : Mahesh Dadoda 12/22/2023
 Supervised By : Semsettin Yesilyurt 12/22/2023

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	111982	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	192580	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	178237	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	95866	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	64098	48.576	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.160%		
35) Dibromofluoromethane	7.810	113	71841	53.257	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	106.520%		
50) Toluene-d8	10.269	98	271677	50.285	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.560%		
62) 4-Bromofluorobenzene	12.575	95	84456	52.286	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.580%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	53543	38.277	ug/l	100
3) Chloromethane	2.152	50	90301	47.360	ug/l	97
4) Vinyl Chloride	2.287	62	128668	49.708	ug/l	99
5) Bromomethane	2.699	94	101343	69.774	ug/l	98
6) Chloroethane	2.846	64	95423	54.072	ug/l	95
7) Trichlorofluoromethane	3.181	101	109377	45.880	ug/l	98
8) Diethyl Ether	3.599	74	32505	48.557	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.975	101	63065	46.241	ug/l	97
10) Methyl Iodide	4.169	142	77843	63.085	ug/l	93
11) Tert butyl alcohol	5.052	59	13511	210.859	ug/l	98
12) 1,1-Dichloroethene	3.946	96	64316	47.781	ug/l	84
13) Acrolein	3.793	56	18898	135.388	ug/l	99
14) Allyl chloride	4.569	41	84632	45.715	ug/l	91
15) Acrylonitrile	5.258	53	69708	243.209	ug/l	98
16) Acetone	4.016	43	57329	193.955	ug/l	95
17) Carbon Disulfide	4.275	76	179572	39.432	ug/l	99
18) Methyl Acetate	4.564	43	56560	54.426	ug/l	93
19) Methyl tert-butyl Ether	5.316	73	146483	51.292	ug/l	98
20) Methylene Chloride	4.805	84	82702	53.236	ug/l #	89
21) trans-1,2-Dichloroethene	5.316	96	77059	50.543	ug/l	93
22) Diisopropyl ether	6.222	45	188850	48.815	ug/l	97
23) Vinyl Acetate	6.158	43	391068m	206.997	ug/l	
24) 1,1-Dichloroethane	6.116	63	137254	52.389	ug/l	94
25) 2-Butanone	7.087	43	77178	210.395	ug/l #	85
26) 2,2-Dichloropropane	7.075	77	109123	49.609	ug/l	95
27) cis-1,2-Dichloroethene	7.081	96	89158	54.347	ug/l	93
28) Bromochloromethane	7.428	49	58894	55.632	ug/l	83
29) Tetrahydrofuran	7.446	42	46581	221.682	ug/l	91
30) Chloroform	7.599	83	140283	53.501	ug/l	99
31) Cyclohexane	7.881	56	91739	39.087	ug/l	96
32) 1,1,1-Trichloroethane	7.799	97	118275	51.168	ug/l	99
36) 1,1-Dichloropropene	8.010	75	101500	47.040	ug/l	97
37) Ethyl Acetate	7.169	43	31680	37.654	ug/l #	91
38) Carbon Tetrachloride	7.993	117	103309	48.026	ug/l	98
39) Methylcyclohexane	9.275	83	112001	43.785	ug/l	96
40) Benzene	8.252	78	307328	50.183	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
 Data File : VD078037.D
 Acq On : 21 Dec 2023 20:16
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTD05006

Quant Time: Dec 22 05:37:39 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 14 14:48:10 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
 Supervised By :Semsettin Yesilyurt 12/22/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	23848	55.769	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	80531	50.730	ug/l	97
43) Isopropyl Acetate	8.363	43	63685	42.582	ug/l	95
44) Trichloroethene	9.028	130	82971	51.989	ug/l	98
45) 1,2-Dichloropropane	9.304	63	77000	51.721	ug/l	93
46) Dibromomethane	9.399	93	40733	51.710	ug/l	94
47) Bromodichloromethane	9.587	83	107721	53.952	ug/l #	96
48) Methyl methacrylate	9.381	41	36273	42.665	ug/l #	83
49) 1,4-Dioxane	9.393	88	7090	906.443	ug/l #	76
51) 4-Methyl-2-Pentanone	10.157	43	170132	222.891	ug/l	93
52) Toluene	10.334	92	198120	52.153	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	98945	51.606	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	119919	51.731	ug/l #	94
55) 1,1,2-Trichloroethane	10.728	97	58932	54.695	ug/l	93
56) Ethyl methacrylate	10.598	69	47062	49.548	ug/l #	86
57) 1,3-Dichloropropane	10.881	76	97485	52.488	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	117862	217.593	ug/l	95
59) 2-Hexanone	10.922	43	118408	186.980	ug/l	91
60) Dibromochloromethane	11.075	129	71172	54.864	ug/l	95
61) 1,2-Dibromoethane	11.181	107	53074	52.328	ug/l	99
64) Tetrachloroethene	10.810	164	67014	51.155	ug/l	93
65) Chlorobenzene	11.604	112	214267	51.035	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	80606	54.384	ug/l	96
67) Ethyl Benzene	11.687	91	386825	52.129	ug/l	93
68) m/p-Xylenes	11.793	106	298995	105.339	ug/l	91
69) o-Xylene	12.122	106	139562	53.351	ug/l	93
70) Styrene	12.134	104	214873	55.241	ug/l	96
71) Bromoform	12.298	173	41404	53.463	ug/l #	99
73) Isopropylbenzene	12.422	105	373596	51.418	ug/l	97
74) N-amyl acetate	12.234	43	58560	41.001	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	63688	50.271	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	43814m	52.623	ug/l	
77) Bromobenzene	12.704	156	87647	51.285	ug/l	94
78) n-propylbenzene	12.763	91	450519	50.885	ug/l	96
79) 2-Chlorotoluene	12.851	91	241520	50.903	ug/l	96
80) 1,3,5-Trimethylbenzene	12.904	105	314460	51.892	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	19545	47.561	ug/l	97
82) 4-Chlorotoluene	12.945	91	260981	52.614	ug/l	95
83) tert-Butylbenzene	13.169	119	272557	53.276	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	322088	53.140	ug/l	95
85) sec-Butylbenzene	13.345	105	396604	52.445	ug/l	96
86) p-Isopropyltoluene	13.463	119	358314	52.922	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	183154	52.406	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	179273	51.437	ug/l	99
89) n-Butylbenzene	13.787	91	327588	51.419	ug/l	99
90) Hexachloroethane	14.057	117	69640	55.928	ug/l	97
91) 1,2-Dichlorobenzene	13.834	146	156107	52.520	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8841	48.139	ug/l	99
93) 1,2,4-Trichlorobenzene	15.092	180	93585	46.095	ug/l	99
94) Hexachlorobutadiene	15.198	225	51326	46.881	ug/l	96
95) Naphthalene	15.334	128	168752	50.026	ug/l	99
96) 1,2,3-Trichlorobenzene	15.522	180	81758	48.846	ug/l	98

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD122123\
Data File : VD078037.D
Acq On : 21 Dec 2023 20:16
Operator : RP/MD
Sample : VSTDCCC050
Misc : 5.00G/5.0ml/MSVOA_D/SOIL
ALS Vial : 18 Sample Multiplier: 1

Instrument :
MSVOA_D
ClientSampleId :
VSTD05006

Manual Integrations
APPROVED

Reviewed By :Mahesh Dadoda 12/22/2023
Supervised By :Semsettin Yesilyurt 12/22/2023

Quant Time: Dec 22 05:37:39 2023
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D120823S.M
Quant Title : SW846 8260
QLast Update : Thu Dec 14 14:48:10 2023
Response via : Initial Calibration

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

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

