

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD081324\
 Data File : VD079713.D
 Acq On : 13 Aug 2024 09:26
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Manual Integrations
 APPROVED

Reviewed By :Romaben Patel 08/14/2024
 Supervised By :Mahesh Dadoda 08/14/2024

Quant Time: Aug 14 05:48:16 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D081224S.M
 Quant Title : SW846 8260
 QLast Update : Tue Aug 13 01:06:11 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	185568	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	344854	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	316897	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	159397	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	113945	53.372	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 106.740%			
35) Dibromofluoromethane	7.805	113	113157	53.226	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 106.460%			
50) Toluene-d8	10.269	98	481455	54.184	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 108.360%			
62) 4-Bromofluorobenzene	12.569	95	138105	55.510	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 111.020%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.934	85	68766	44.499	ug/l	93
3) Chloromethane	2.146	50	152825	42.640	ug/l	94
4) Vinyl Chloride	2.287	62	177707	41.944	ug/l	97
5) Bromomethane	2.687	94	125734	43.599	ug/l	98
6) Chloroethane	2.834	64	131125	45.339	ug/l	97
7) Trichlorofluoromethane	3.175	101	168372	44.435	ug/l	94
8) Diethyl Ether	3.593	74	57526	48.551	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.964	101	101967	45.711	ug/l	93
10) Methyl Iodide	4.158	142	110971	44.446	ug/l	93
11) Tert butyl alcohol	5.046	59	30478	285.476	ug/l	98
12) 1,1-Dichloroethene	3.940	96	109406	46.905	ug/l	88
13) Acrolein	3.799	56	67520	271.895	ug/l	96
14) Allyl chloride	4.558	41	165897	47.420	ug/l #	82
15) Acrylonitrile	5.252	53	138914	254.679	ug/l	99
16) Acetone	4.022	43	144123	279.945	ug/l	100
17) Carbon Disulfide	4.269	76	379488	45.897	ug/l	98
18) Methyl Acetate	4.558	43	64833	44.542	ug/l #	82
19) Methyl tert-butyl Ether	5.316	73	251444	52.501	ug/l	99
20) Methylene Chloride	4.805	84	146054	49.213	ug/l #	85
21) trans-1,2-Dichloroethene	5.311	96	124371	48.566	ug/l #	85
22) Diisopropyl ether	6.216	45	374072	51.887	ug/l #	94
23) Vinyl Acetate	6.152	43	1482147	280.478	ug/l #	91
24) 1,1-Dichloroethane	6.110	63	229660	48.189	ug/l	95
25) 2-Butanone	7.081	43	178103	271.158	ug/l	99
26) 2,2-Dichloropropane	7.075	77	177230	47.088	ug/l	99
27) cis-1,2-Dichloroethene	7.081	96	144527	48.655	ug/l	85
28) Bromochloromethane	7.422	49	108844	53.687	ug/l #	65
29) Tetrahydrofuran	7.446	42	106038	265.566	ug/l #	80
30) Chloroform	7.599	83	223875	48.375	ug/l	97
31) Cyclohexane	7.875	56	177986	45.611	ug/l	86
32) 1,1,1-Trichloroethane	7.787	97	183485	47.923	ug/l	97
36) 1,1-Dichloropropene	8.005	75	161055	48.872	ug/l	95
37) Ethyl Acetate	7.169	43	77819	52.179	ug/l #	93
38) Carbon Tetrachloride	7.993	117	160324	47.929	ug/l	98
39) Methylcyclohexane	9.275	83	189478	48.646	ug/l #	87
40) Benzene	8.246	78	527873	49.252	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.393	41	41734	53.134	ug/l #	82
42) 1,2-Dichloroethane	8.322	62	126035	50.874	ug/l	95
43) Isopropyl Acetate	8.357	43	138612	53.293	ug/l #	92
44) Trichloroethene	9.028	130	114938	48.827	ug/l	95
45) 1,2-Dichloropropane	9.304	63	130116	49.322	ug/l	100
46) Dibromomethane	9.393	93	69214	51.822	ug/l #	88
47) Bromodichloromethane	9.581	83	167314	49.696	ug/l	97
48) Methyl methacrylate	9.375	41	64470	53.889	ug/l #	80
49) 1,4-Dioxane	9.387	88	14639	1089.038	ug/l #	86
51) 4-Methyl-2-Pentanone	10.157	43	374048	279.532	ug/l	92
52) Toluene	10.328	92	325455	50.640	ug/l	99
53) t-1,3-Dichloropropene	10.551	75	161292	51.250	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	193738	50.157	ug/l #	93
55) 1,1,2-Trichloroethane	10.728	97	90448	50.801	ug/l	94
56) Ethyl methacrylate	10.593	69	119791	54.119	ug/l	88
57) 1,3-Dichloropropane	10.875	76	163327	53.211	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	286196	294.768	ug/l	89
59) 2-Hexanone	10.916	43	283016	285.864	ug/l	94
60) Dibromochloromethane	11.075	129	113030	51.527	ug/l	99
61) 1,2-Dibromoethane	11.175	107	80693	51.040	ug/l	98
64) Tetrachloroethene	10.810	164	90710	46.847	ug/l	95
65) Chlorobenzene	11.604	112	341866	49.129	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	107532	47.400	ug/l	97
67) Ethyl Benzene	11.681	91	598254	48.998	ug/l	97
68) m/p-Xylenes	11.793	106	471371	99.281	ug/l	92
69) o-Xylene	12.116	106	215172	49.586	ug/l	89
70) Styrene	12.134	104	392404	51.548	ug/l	97
71) Bromoform	12.298	173	58269	49.967	ug/l #	100
73) Isopropylbenzene	12.416	105	548438	49.009	ug/l	98
74) N-amyl acetate	12.228	43	135982	54.542	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.669	83	104148	49.844	ug/l	95
76) 1,2,3-Trichloropropane	12.722	75	64970m	49.999	ug/l	
77) Bromobenzene	12.698	156	122973	49.135	ug/l	80
78) n-propylbenzene	12.763	91	697931	50.401	ug/l	96
79) 2-Chlorotoluene	12.845	91	383928	49.790	ug/l	93
80) 1,3,5-Trimethylbenzene	12.898	105	464611	50.066	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	39813	52.212	ug/l	99
82) 4-Chlorotoluene	12.945	91	402405	49.627	ug/l	95
83) tert-Butylbenzene	13.163	119	383046	48.908	ug/l	94
84) 1,2,4-Trimethylbenzene	13.210	105	478265	50.375	ug/l	98
85) sec-Butylbenzene	13.340	105	597172	49.482	ug/l	98
86) p-Isopropyltoluene	13.457	119	504231	49.735	ug/l	97
87) 1,3-Dichlorobenzene	13.457	146	259318	48.671	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	256495	48.770	ug/l	97
89) n-Butylbenzene	13.787	91	483152	50.558	ug/l	98
90) Hexachloroethane	14.051	117	98170	47.193	ug/l	90
91) 1,2-Dichlorobenzene	13.828	146	224592	48.944	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	14082	49.375	ug/l	80
93) 1,2,4-Trichlorobenzene	15.098	180	130996	49.624	ug/l	97
94) Hexachlorobutadiene	15.198	225	66976	50.453	ug/l	93
95) Naphthalene	15.328	128	269360	53.352	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	117846	50.930	ug/l	100

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

