

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD072624\
 Data File : VD079419.D
 Acq On : 26 Jul 2024 20:27
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5.0ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Jul 27 03:38:29 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D072524S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jul 26 12:23:49 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 07/29/2024
 Supervised By :Semsettin Yesilyurt 07/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	191495	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	316702	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	312466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	151780	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	76484	41.024	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	82.040%		
35) Dibromofluoromethane	7.799	113	101784	52.495	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.980%		
50) Toluene-d8	10.269	98	395011	52.366	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	104.740%		
62) 4-Bromofluorobenzene	12.569	95	119060	50.412	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	100.820%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	69681	39.169	ug/l	95
3) Chloromethane	2.146	50	21688	27.322	ug/l	95
4) Vinyl Chloride	2.281	62	25815	36.567	ug/l #	88
5) Bromomethane	2.681	94	25544	33.704	ug/l	98
6) Chloroethane	2.828	64	15717	33.271	ug/l	93
7) Trichlorofluoromethane	3.169	101	149866	42.729	ug/l	97
8) Diethyl Ether	3.593	74	44113	41.201	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.958	101	99086	43.609	ug/l	95
10) Methyl Iodide	4.158	142	135308	47.439	ug/l	99
11) Tert butyl alcohol	5.058	59	19481	178.196	ug/l #	89
12) 1,1-Dichloroethene	3.940	96	98939	44.230	ug/l	96
13) Acrolein	3.793	56	25900	152.317	ug/l	99
14) Allyl chloride	4.558	41	91204	34.470	ug/l	90
15) Acrylonitrile	5.252	53	93086	198.662	ug/l	97
16) Acetone	4.016	43	60140	171.595	ug/l	95
17) Carbon Disulfide	4.269	76	307595	41.534	ug/l	97
18) Methyl Acetate	4.563	43	37943	34.608	ug/l	97
19) Methyl tert-butyl Ether	5.311	73	194667	41.388	ug/l	94
20) Methylene Chloride	4.799	84	122267	39.021	ug/l	93
21) trans-1,2-Dichloroethene	5.311	96	113907	45.809	ug/l	99
22) Diisopropyl ether	6.216	45	222302	37.653	ug/l	96
23) Vinyl Acetate	6.152	43	843095	185.130	ug/l	98
24) 1,1-Dichloroethane	6.110	63	161873	39.399	ug/l	99
25) 2-Butanone	7.081	43	91233	173.884	ug/l #	84
26) 2,2-Dichloropropane	7.075	77	135481	39.462	ug/l	94
27) cis-1,2-Dichloroethene	7.081	96	128836	44.387	ug/l	97
28) Bromochloromethane	7.428	49	67467	39.742	ug/l	89
29) Tetrahydrofuran	7.440	42	62552	185.931	ug/l	99
30) Chloroform	7.593	83	193649	43.639	ug/l	96
31) Cyclohexane	7.875	56	132283	38.353	ug/l	99
32) 1,1,1-Trichloroethane	7.793	97	167384	44.950	ug/l	97
36) 1,1-Dichloropropene	8.004	75	134295	44.352	ug/l	98
37) Ethyl Acetate	7.175	43	42804	36.711	ug/l #	92
38) Carbon Tetrachloride	7.993	117	157182	50.158	ug/l	99
39) Methylcyclohexane	9.275	83	166746	44.047	ug/l	98
40) Benzene	8.252	78	444112	46.983	ug/l	96

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41) Methacrylonitrile	7.393	41	24054	38.536	ug/l	97
42) 1,2-Dichloroethane	8.322	62	95491	42.873	ug/l	100
43) Isopropyl Acetate	8.363	43	84448	38.868	ug/l	98
44) Trichloroethene	9.028	130	113596	51.168	ug/l	88
45) 1,2-Dichloropropane	9.304	63	102608	45.201	ug/l	100
46) Dibromomethane	9.393	93	64903	49.737	ug/l	97
47) Bromodichloromethane	9.581	83	155334	49.005	ug/l	97
48) Methyl methacrylate	9.381	41	43345	42.053	ug/l #	92
49) 1,4-Dioxane	9.387	88	13197	962.554	ug/l	93
51) 4-Methyl-2-Pentanone	10.157	43	253497	217.323	ug/l	97
52) Toluene	10.334	92	304304	50.540	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	137274	46.700	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	167359	47.178	ug/l	97
55) 1,1,2-Trichloroethane	10.728	97	90558	53.355	ug/l	95
56) Ethyl methacrylate	10.593	69	103829	47.981	ug/l	96
57) 1,3-Dichloropropane	10.875	76	144067	49.638	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	200868	226.904	ug/l	96
59) 2-Hexanone	10.916	43	185540	227.377	ug/l	96
60) Dibromochloromethane	11.069	129	120360	54.679	ug/l	97
61) 1,2-Dibromoethane	11.175	107	88090	53.460	ug/l	95
64) Tetrachloroethene	10.804	164	100654	51.847	ug/l	93
65) Chlorobenzene	11.604	112	335983	50.136	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	115602	50.562	ug/l	99
67) Ethyl Benzene	11.681	91	581667	48.583	ug/l	99
68) m/p-Xylenes	11.793	106	460409	97.954	ug/l	90
69) o-Xylene	12.116	106	202782	46.982	ug/l	88
70) Styrene	12.134	104	377181	49.165	ug/l	97
71) Bromoform	12.298	173	62585	49.548	ug/l #	97
73) Isopropylbenzene	12.416	105	524477	48.041	ug/l	98
74) N-amyl acetate	12.228	43	107596	48.991	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	104628	51.700	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	73351m	49.524	ug/l	
77) Bromobenzene	12.698	156	121013	49.002	ug/l	82
78) n-propylbenzene	12.757	91	666544	49.345	ug/l	96
79) 2-Chlorotoluene	12.845	91	380863	49.953	ug/l	92
80) 1,3,5-Trimethylbenzene	12.898	105	461505	50.303	ug/l	94
81) trans-1,4-Dichloro-2-b...	12.463	75	35254	49.276	ug/l	99
82) 4-Chlorotoluene	12.945	91	403297	51.035	ug/l	93
83) tert-Butylbenzene	13.163	119	374055	48.324	ug/l	93
84) 1,2,4-Trimethylbenzene	13.210	105	476736	50.824	ug/l	96
85) sec-Butylbenzene	13.339	105	585245	49.330	ug/l	96
86) p-Isopropyltoluene	13.457	119	499283	49.855	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	260829	50.959	ug/l	96
88) 1,4-Dichlorobenzene	13.534	146	256772	51.168	ug/l	96
89) n-Butylbenzene	13.787	91	465536	48.767	ug/l	97
90) Hexachloroethane	14.051	117	102356	50.527	ug/l	91
91) 1,2-Dichlorobenzene	13.828	146	226813	51.352	ug/l	95
92) 1,2-Dibromo-3-Chloropr...	14.445	75	15029	53.512	ug/l	83
93) 1,2,4-Trichlorobenzene	15.092	180	125041	49.464	ug/l	95
94) Hexachlorobutadiene	15.198	225	66891	49.195	ug/l	95
95) Naphthalene	15.328	128	248239	48.026	ug/l	98
96) 1,2,3-Trichlorobenzene	15.516	180	108152	48.253	ug/l	97

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

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