

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051524\
 Data File : VD078936.D
 Acq On : 15 May 2024 18:05
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: May 16 01:27:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051324S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 14 06:21:28 2024
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 05/16/2024
 Supervised By :Semsettin Yesilyurt 05/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	115789	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	186591	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.580	117	179452	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	96782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	61817	56.916	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 113.840%			
35) Dibromofluoromethane	7.804	113	72845	58.648	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 117.300%			
50) Toluene-d8	10.269	98	283395	60.862	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 121.720%			
62) 4-Bromofluorobenzene	12.574	95	82933	63.400	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 126.800%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	49789	46.018	ug/l	99
3) Chloromethane	2.146	50	76194	52.609	ug/l	98
4) Vinyl Chloride	2.281	62	133968	58.285	ug/l	100
5) Bromomethane	2.693	94	102720	46.316	ug/l	100
6) Chloroethane	2.834	64	99981	48.275	ug/l	91
7) Trichlorofluoromethane	3.175	101	94623	41.727	ug/l	98
8) Diethyl Ether	3.593	74	27398	53.306	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.963	101	58555	48.900	ug/l	98
10) Methyl Iodide	4.163	142	72272	50.518	ug/l	98
11) Tert butyl alcohol	5.063	59	11814	250.207	ug/l	98
12) 1,1-Dichloroethene	3.940	96	56213	47.957	ug/l	98
13) Acrolein	3.798	56	23343	215.902	ug/l	100
14) Allyl chloride	4.557	41	55931	48.901	ug/l	100
15) Acrylonitrile	5.251	53	55765	265.623	ug/l	95
16) Acetone	4.028	43	44059	254.420	ug/l	99
17) Carbon Disulfide	4.269	76	168247	49.297	ug/l	98
18) Methyl Acetate	4.563	43	21009	52.689	ug/l	95
19) Methyl tert-butyl Ether	5.316	73	119328	52.247	ug/l	98
20) Methylene Chloride	4.804	84	73898	54.120	ug/l	95
21) trans-1,2-Dichloroethene	5.316	96	66041	50.549	ug/l	97
22) Diisopropyl ether	6.216	45	141561	54.722	ug/l	97
23) Vinyl Acetate	6.157	43	419968	270.665	ug/l	99
24) 1,1-Dichloroethane	6.110	63	104170	50.796	ug/l	100
25) 2-Butanone	7.081	43	59060	254.993	ug/l	93
26) 2,2-Dichloropropane	7.081	77	87515	48.560	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	75667	49.322	ug/l	97
28) Bromochloromethane	7.428	49	38455	56.228	ug/l	94
29) Tetrahydrofuran	7.445	42	35227	262.955	ug/l	99
30) Chloroform	7.598	83	118869	51.176	ug/l	100
31) Cyclohexane	7.875	56	76428	48.165	ug/l	99
32) 1,1,1-Trichloroethane	7.798	97	98369	49.452	ug/l	98
36) 1,1-Dichloropropene	8.010	75	78374	50.707	ug/l	99
37) Ethyl Acetate	7.169	43	27580	52.359	ug/l	99
38) Carbon Tetrachloride	7.992	117	91785	50.743	ug/l	97
39) Methylcyclohexane	9.275	83	97496	51.914	ug/l	97
40) Benzene	8.251	78	257339	51.476	ug/l	97

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41) Methacrylonitrile	7.398	41	13650	48.159	ug/l	98
42) 1,2-Dichloroethane	8.328	62	61803	51.075	ug/l	98
43) Isopropyl Acetate	8.363	43	50257	53.771	ug/l	99
44) Trichloroethene	9.028	130	66501	50.151	ug/l	92
45) 1,2-Dichloropropane	9.304	63	57963	52.762	ug/l	96
46) Dibromomethane	9.398	93	37240	51.493	ug/l	98
47) Bromodichloromethane	9.586	83	93054	53.453	ug/l #	99
48) Methyl methacrylate	9.380	41	23766	52.234	ug/l	93
49) 1,4-Dioxane	9.380	88	6863	1078.824	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	134262	269.696	ug/l	99
52) Toluene	10.333	92	172079	53.774	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	78716	53.212	ug/l	93
54) cis-1,3-Dichloropropene	10.016	75	94394	53.163	ug/l	98
55) 1,1,2-Trichloroethane	10.733	97	49125	52.577	ug/l	96
56) Ethyl methacrylate	10.598	69	53522	55.677	ug/l	98
57) 1,3-Dichloropropane	10.880	76	79073	54.350	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	125979	305.005	ug/l	99
59) 2-Hexanone	10.922	43	98689	284.809	ug/l	96
60) Dibromochloromethane	11.075	129	68785	54.004	ug/l	100
61) 1,2-Dibromoethane	11.180	107	46671	54.784	ug/l	97
64) Tetrachloroethene	10.810	164	57928	50.880	ug/l	93
65) Chlorobenzene	11.604	112	194477	52.101	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.680	131	68723	53.256	ug/l	97
67) Ethyl Benzene	11.686	91	316342	52.689	ug/l	100
68) m/p-Xylenes	11.792	106	266342	109.114	ug/l	97
69) o-Xylene	12.122	106	121111	54.424	ug/l	98
70) Styrene	12.133	104	216883	54.991	ug/l	100
71) Bromoform	12.298	173	38838	52.540	ug/l #	98
73) Isopropylbenzene	12.422	105	303179	52.485	ug/l	98
74) N-amyl acetate	12.233	43	49197	52.489	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.674	83	54960	52.747	ug/l	96
76) 1,2,3-Trichloropropane	12.722	75	35337m	51.863	ug/l	
77) Bromobenzene	12.698	156	78942	51.969	ug/l	97
78) n-propylbenzene	12.763	91	373094	53.437	ug/l	100
79) 2-Chlorotoluene	12.851	91	204131	52.603	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	260870	54.357	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	19587	57.007	ug/l	97
82) 4-Chlorotoluene	12.945	91	218361	53.637	ug/l	99
83) tert-Butylbenzene	13.169	119	231424	54.525	ug/l	99
84) 1,2,4-Trimethylbenzene	13.210	105	267385	53.788	ug/l	100
85) sec-Butylbenzene	13.345	105	338270	53.428	ug/l	99
86) p-Isopropyltoluene	13.463	119	297364	53.908	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	166942	51.935	ug/l	98
88) 1,4-Dichlorobenzene	13.533	146	161841	51.411	ug/l	99
89) n-Butylbenzene	13.786	91	266085	53.832	ug/l	99
90) Hexachloroethane	14.051	117	60868	52.313	ug/l	97
91) 1,2-Dichlorobenzene	13.833	146	137982	51.303	ug/l	96
92) 1,2-Dibromo-3-Chloropr...	14.445	75	7880	56.807	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	82433	52.200	ug/l	99
94) Hexachlorobutadiene	15.204	225	41259	49.994	ug/l	98
95) Naphthalene	15.333	128	150644	56.003	ug/l	98
96) 1,2,3-Trichlorobenzene	15.521	180	75140	53.490	ug/l	97

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

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