

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032824\
 Data File : VD078787.D
 Acq On : 28 Mar 2024 21:04
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Mar 29 01:39:32 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:38:03 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/29/2024
 Supervised By :Semsettin Yesilyurt 03/29/2024

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

Internal Standards						
1) Pentafluorobenzene	7.881	168	112445	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	192595	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	187677	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	104962	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.234	65	45902	43.559	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	87.120%		
35) Dibromofluoromethane	7.810	113	55718	44.933	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	89.860%		
50) Toluene-d8	10.269	98	201220	44.123	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	88.240%		
62) 4-Bromofluorobenzene	12.569	95	61207	45.876	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	91.760%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.934	85	37928	36.241	ug/l	98
3) Chloromethane	2.152	50	64843	39.241	ug/l	96
4) Vinyl Chloride	2.287	62	92117	37.790	ug/l	93
5) Bromomethane	2.699	94	88151	37.770	ug/l	98
6) Chloroethane	2.840	64	76711	40.353	ug/l	97
7) Trichlorofluoromethane	3.181	101	75078	38.932	ug/l	92
8) Diethyl Ether	3.599	74	23325	41.427	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.969	101	48851	40.364	ug/l	97
10) Methyl Iodide	4.169	142	61738	43.125	ug/l	99
11) Tert butyl alcohol	5.063	59	10058m	213.274	ug/l	
12) 1,1-Dichloroethene	3.946	96	45871	39.870	ug/l	87
13) Acrolein	3.793	56	8742	118.334	ug/l	97
14) Allyl chloride	4.558	41	52680	41.036	ug/l	98
15) Acrylonitrile	5.258	53	51987	229.043	ug/l	95
16) Acetone	4.022	43	39803	195.328	ug/l #	87
17) Carbon Disulfide	4.275	76	136195	36.110	ug/l	96
18) Methyl Acetate	4.563	43	23613	53.995	ug/l	98
19) Methyl tert-butyl Ether	5.322	73	104878	45.202	ug/l	97
20) Methylene Chloride	4.810	84	68479	49.215	ug/l	99
21) trans-1,2-Dichloroethene	5.310	96	60203	44.347	ug/l	85
22) Diisopropyl ether	6.222	45	138265	47.372	ug/l	94
23) Vinyl Acetate	6.157	43	387995	227.261	ug/l	96
24) 1,1-Dichloroethane	6.116	63	97526	44.568	ug/l	98
25) 2-Butanone	7.081	43	57168	211.013	ug/l	96
26) 2,2-Dichloropropane	7.075	77	76786	41.475	ug/l	98
27) cis-1,2-Dichloroethene	7.087	96	68472	44.222	ug/l	100
28) Bromochloromethane	7.428	49	32434	41.574	ug/l	99
29) Tetrahydrofuran	7.452	42	33910	230.124	ug/l	96
30) Chloroform	7.604	83	109658	44.944	ug/l	100
31) Cyclohexane	7.881	56	64093	36.186	ug/l	86
32) 1,1,1-Trichloroethane	7.799	97	90445	43.691	ug/l	99
36) 1,1-Dichloropropene	8.016	75	73879	41.063	ug/l	98
37) Ethyl Acetate	7.175	43	25553	43.474	ug/l	94
38) Carbon Tetrachloride	7.993	117	80421	42.399	ug/l	92
39) Methylcyclohexane	9.275	83	80080	38.369	ug/l	99
40) Benzene	8.251	78	239019	43.948	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	13195	42.838	ug/l #	87
42) 1,2-Dichloroethane	8.328	62	61651	46.482	ug/l	100
43) Isopropyl Acetate	8.363	43	47892	44.804	ug/l #	75
44) Trichloroethene	9.028	130	64899	43.970	ug/l	93
45) 1,2-Dichloropropane	9.304	63	58220	45.126	ug/l	92
46) Dibromomethane	9.393	93	36396	47.060	ug/l	95
47) Bromodichloromethane	9.587	83	86119	46.775	ug/l	91
48) Methyl methacrylate	9.381	41	23807	45.709	ug/l	96
49) 1,4-Dioxane	9.387	88	5955	831.613	ug/l #	96
51) 4-Methyl-2-Pentanone	10.157	43	129203	231.205	ug/l	100
52) Toluene	10.334	92	156338	44.649	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	74658	44.351	ug/l	99
54) cis-1,3-Dichloropropene	10.016	75	93781	46.343	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	49156	47.463	ug/l	94
56) Ethyl methacrylate	10.598	69	49454	47.633	ug/l	95
57) 1,3-Dichloropropane	10.881	76	76546	45.805	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	132254	288.891	ug/l	100
59) 2-Hexanone	10.922	43	91190	220.127	ug/l	99
60) Dibromochloromethane	11.075	129	58944	46.151	ug/l	100
61) 1,2-Dibromoethane	11.181	107	44421	44.320	ug/l	98
64) Tetrachloroethene	10.810	164	54606	43.967	ug/l	94
65) Chlorobenzene	11.604	112	169748	43.283	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	65801	45.813	ug/l	98
67) Ethyl Benzene	11.681	91	296163	44.315	ug/l	100
68) m/p-Xylenes	11.792	106	244906	90.244	ug/l	97
69) o-Xylene	12.122	106	112752	44.905	ug/l	99
70) Styrene	12.134	104	197639	46.896	ug/l	99
71) Bromoform	12.298	173	35654	45.934	ug/l #	98
73) Isopropylbenzene	12.422	105	282251	40.842	ug/l	99
74) N-amyl acetate	12.234	43	44599	39.749	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.669	83	53258	41.630	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	33930m	41.958	ug/l	
77) Bromobenzene	12.704	156	72701	42.420	ug/l	98
78) n-propylbenzene	12.763	91	347575	41.319	ug/l	99
79) 2-Chlorotoluene	12.851	91	189958	41.164	ug/l	99
80) 1,3,5-Trimethylbenzene	12.904	105	244067	42.708	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.469	75	15733	40.782	ug/l	97
82) 4-Chlorotoluene	12.945	91	200637	41.106	ug/l	97
83) tert-Butylbenzene	13.163	119	207539	42.117	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	248353	43.123	ug/l	97
85) sec-Butylbenzene	13.345	105	313465	42.036	ug/l	99
86) p-Isopropyltoluene	13.457	119	272643	42.709	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	152524	42.173	ug/l	97
88) 1,4-Dichlorobenzene	13.534	146	154075	43.227	ug/l	97
89) n-Butylbenzene	13.786	91	244629	42.431	ug/l	98
90) Hexachloroethane	14.057	117	54845	41.521	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	133099	42.730	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	6488	37.911	ug/l	92
93) 1,2,4-Trichlorobenzene	15.098	180	76124	41.875	ug/l	99
94) Hexachlorobutadiene	15.204	225	40670	41.324	ug/l	99
95) Naphthalene	15.333	128	132559	41.941	ug/l	97
96) 1,2,3-Trichlorobenzene	15.522	180	67284	42.783	ug/l	95

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

