

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD022324\
 Data File : VD078529.D
 Acq On : 23 Feb 2024 10:40
 Operator : RP/MD
 Sample : VSTDCCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDCCC050

Quant Time: Feb 24 00:18:34 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D021324S.M
 Quant Title : SW846 8260
 QLast Update : Wed Feb 14 01:16:20 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 02/26/2024
 Supervised By :Semsettin Yesilyurt 02/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	134723	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	229243	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	210969	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	111546	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	70224	48.208	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.420%		
35) Dibromofluoromethane	7.804	113	80811	55.495	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	110.980%		
50) Toluene-d8	10.269	98	300409	51.571	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	103.140%		
62) 4-Bromofluorobenzene	12.575	95	88976	52.489	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	104.980%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	66136	49.823	ug/l	98
3) Chloromethane	2.146	50	116355	47.697	ug/l	99
4) Vinyl Chloride	2.281	62	183415	49.273	ug/l	99
5) Bromomethane	2.687	94	134163	52.215	ug/l	99
6) Chloroethane	2.834	64	135018	49.741	ug/l	98
7) Trichlorofluoromethane	3.169	101	122270	48.692	ug/l	94
8) Diethyl Ether	3.593	74	35645	49.283	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.969	101	73846	46.616	ug/l	99
10) Methyl Iodide	4.158	142	77845	54.866	ug/l	93
11) Tert butyl alcohol	5.063	59	20150	255.343	ug/l #	73
12) 1,1-Dichloroethene	3.940	96	69726	47.476	ug/l	91
13) Acrolein	3.793	56	30308	225.216	ug/l	99
14) Allyl chloride	4.552	41	83290	45.907	ug/l	96
15) Acrylonitrile	5.258	53	77832	251.379	ug/l	99
16) Acetone	4.022	43	70477	251.627	ug/l	94
17) Carbon Disulfide	4.269	76	210643	42.624	ug/l	100
18) Methyl Acetate	4.563	43	65675	61.017	ug/l	92
19) Methyl tert-butyl Ether	5.322	73	159893	51.242	ug/l	100
20) Methylene Chloride	4.793	84	86945	52.867	ug/l	97
21) trans-1,2-Dichloroethene	5.310	96	84489	48.901	ug/l	97
22) Diisopropyl ether	6.216	45	193062	48.279	ug/l	99
23) Vinyl Acetate	6.152	43	370053	224.347	ug/l	98
24) 1,1-Dichloroethane	6.110	63	136774	48.281	ug/l	97
25) 2-Butanone	7.081	43	94848	257.461	ug/l	91
26) 2,2-Dichloropropane	7.075	77	116915	49.232	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	94838	50.031	ug/l	97
28) Bromochloromethane	7.428	49	52044	46.384	ug/l	93
29) Tetrahydrofuran	7.446	42	54733	252.654	ug/l	95
30) Chloroform	7.593	83	148420	49.518	ug/l	93
31) Cyclohexane	7.875	56	103490	41.999	ug/l	97
32) 1,1,1-Trichloroethane	7.793	97	127684	49.965	ug/l	98
36) 1,1-Dichloropropene	8.010	75	110955	49.048	ug/l	99
37) Ethyl Acetate	7.169	43	38107	48.055	ug/l #	74
38) Carbon Tetrachloride	7.993	117	113540	50.681	ug/l	97
39) Methylcyclohexane	9.269	83	128486	47.843	ug/l	96
40) Benzene	8.251	78	325578	49.793	ug/l	98

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41) Methacrylonitrile	7.404	41	17808m	43.150	ug/l	
42) 1,2-Dichloroethane	8.328	62	81531	48.190	ug/l	100
43) Isopropyl Acetate	8.363	43	73788	50.250	ug/l #	80
44) Trichloroethene	9.028	130	88923	53.307	ug/l	86
45) 1,2-Dichloropropane	9.304	63	79059	49.280	ug/l	98
46) Dibromomethane	9.393	93	47597	52.747	ug/l	91
47) Bromodichloromethane	9.587	83	115398	51.632	ug/l	97
48) Methyl methacrylate	9.381	41	43091	55.312	ug/l	87
49) 1,4-Dioxane	9.381	88	10667	1091.561	ug/l	91
51) 4-Methyl-2-Pentanone	10.157	43	200239	256.926	ug/l	94
52) Toluene	10.334	92	213193	51.559	ug/l	98
53) t-1,3-Dichloropropene	10.551	75	106179	52.064	ug/l	95
54) cis-1,3-Dichloropropene	10.016	75	126532	51.167	ug/l #	93
55) 1,1,2-Trichloroethane	10.734	97	65757	54.112	ug/l	97
56) Ethyl methacrylate	10.598	69	53127	47.271	ug/l	94
57) 1,3-Dichloropropane	10.881	76	104811	50.703	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	164783	248.910	ug/l	96
59) 2-Hexanone	10.922	43	146907	250.822	ug/l	95
60) Dibromochloromethane	11.075	129	79594	54.438	ug/l	96
61) 1,2-Dibromoethane	11.181	107	61284	53.718	ug/l	98
64) Tetrachloroethene	10.810	164	69697	52.304	ug/l	92
65) Chlorobenzene	11.604	112	225982	53.281	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.681	131	84812	54.413	ug/l	98
67) Ethyl Benzene	11.681	91	405028	53.298	ug/l	96
68) m/p-Xylenes	11.792	106	326148	110.027	ug/l	95
69) o-Xylene	12.122	106	148189	54.782	ug/l	95
70) Styrene	12.134	104	228040	51.654	ug/l	97
71) Bromoform	12.298	173	45633	55.624	ug/l #	99
73) Isopropylbenzene	12.422	105	392077	52.345	ug/l	97
74) N-amyl acetate	12.234	43	66280	46.774	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.675	83	75802	51.018	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	48441m	51.153	ug/l	
77) Bromobenzene	12.698	156	94096	53.454	ug/l	94
78) n-propylbenzene	12.763	91	479964	51.420	ug/l	95
79) 2-Chlorotoluene	12.851	91	252862	50.578	ug/l	97
80) 1,3,5-Trimethylbenzene	12.904	105	327190	52.607	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.469	75	23345	51.178	ug/l	96
82) 4-Chlorotoluene	12.945	91	267921	49.897	ug/l	98
83) tert-Butylbenzene	13.169	119	285801	54.487	ug/l	97
84) 1,2,4-Trimethylbenzene	13.210	105	335313	53.121	ug/l	96
85) sec-Butylbenzene	13.345	105	416118	51.153	ug/l	97
86) p-Isopropyltoluene	13.463	119	369954	53.394	ug/l	98
87) 1,3-Dichlorobenzene	13.457	146	197117	52.466	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	193382	52.385	ug/l	99
89) n-Butylbenzene	13.787	91	347013	51.961	ug/l	98
90) Hexachloroethane	14.051	117	73288	51.464	ug/l	92
91) 1,2-Dichlorobenzene	13.834	146	169759	53.808	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.445	75	9729	50.008	ug/l	93
93) 1,2,4-Trichlorobenzene	15.098	180	105605	56.956	ug/l	96
94) Hexachlorobutadiene	15.204	225	52906	54.667	ug/l	99
95) Naphthalene	15.333	128	194838	56.656	ug/l	98
96) 1,2,3-Trichlorobenzene	15.522	180	92015	58.557	ug/l	99

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

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