

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD031424\
 Data File : VD078660.D
 Acq On : 14 Mar 2024 11:22
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 03/15/2024
 Supervised By :Semsettin Yesilyurt 03/15/2024

Quant Time: Mar 15 05:26:48 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D031424S.M
 Quant Title : SW846 8260
 QLast Update : Fri Mar 15 05:17:07 2024
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	136530	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	227720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	215190	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	111978	50.000	ug/l	0.00

System Monitoring Compounds

33) 1,2-Dichloroethane-d4	8.234	65	59994	46.888	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	93.780%
35) Dibromofluoromethane	7.805	113	69927	47.694	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	95.380%
50) Toluene-d8	10.269	98	264105	48.980	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	97.960%
62) 4-Bromofluorobenzene	12.569	95	77128	48.893	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	=	97.780%

Target Compounds

						Qvalue
2) Dichlorodifluoromethane	1.934	85	60059	47.264	ug/l	100
3) Chloromethane	2.152	50	95315	47.506	ug/l	100
4) Vinyl Chloride	2.287	62	142196	48.044	ug/l	100
5) Bromomethane	2.693	94	125016	44.116	ug/l	100
6) Chloroethane	2.840	64	108540	47.024	ug/l	100
7) Trichlorofluoromethane	3.181	101	110556	47.216	ug/l	100
8) Diethyl Ether	3.593	74	31849	46.587	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.975	101	68327	46.497	ug/l	100
10) Methyl Iodide	4.164	142	85551	49.217	ug/l	100
11) Tert butyl alcohol	5.058	59	14553	254.151	ug/l	100
12) 1,1-Dichloroethene	3.940	96	67861	48.579	ug/l	100
13) Acrolein	3.799	56	18418	205.331	ug/l	100
14) Allyl chloride	4.564	41	73485	47.144	ug/l	100
15) Acrylonitrile	5.258	53	69074	250.639	ug/l	100
16) Acetone	4.022	43	61959	250.417	ug/l	100
17) Carbon Disulfide	4.275	76	218336	47.677	ug/l	100
18) Methyl Acetate	4.564	43	27671	52.112	ug/l	100
19) Methyl tert-butyl Ether	5.316	73	138942	49.320	ug/l	100
20) Methylene Chloride	4.811	84	82787	48.979	ug/l	100
21) trans-1,2-Dichloroethene	5.316	96	79717	48.362	ug/l	100
22) Diisopropyl ether	6.216	45	173916	49.075	ug/l	100
23) Vinyl Acetate	6.158	43	522399	252.008	ug/l	100
24) 1,1-Dichloroethane	6.116	63	125124	47.093	ug/l	100
25) 2-Butanone	7.087	43	79147	240.604	ug/l	100
26) 2,2-Dichloropropane	7.081	77	106988	47.594	ug/l	100
27) cis-1,2-Dichloroethene	7.081	96	89057	47.370	ug/l	100
28) Bromochloromethane	7.428	49	52730	55.666	ug/l	100
29) Tetrahydrofuran	7.446	42	45852	256.274	ug/l	100
30) Chloroform	7.593	83	137652	46.466	ug/l	100
31) Cyclohexane	7.881	56	99023	46.044	ug/l	100
32) 1,1,1-Trichloroethane	7.793	97	116878	46.500	ug/l	100
36) 1,1-Dichloropropene	8.010	75	102839	48.342	ug/l	100
37) Ethyl Acetate	7.169	43	33095	47.621	ug/l	100
38) Carbon Tetrachloride	7.993	117	105571	47.073	ug/l	100
39) Methylcyclohexane	9.275	83	122997	49.842	ug/l	100
40) Benzene	8.252	78	307294	47.786	ug/l	100

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41) Methacrylonitrile	7.399	41	17059	45.069	ug/l	100
42) 1,2-Dichloroethane	8.328	62	76443	48.745	ug/l	100
43) Isopropyl Acetate	8.363	43	63301	50.085	ug/l	100
44) Trichloroethene	9.028	130	82009	46.992	ug/l	100
45) 1,2-Dichloropropane	9.304	63	72984	47.844	ug/l	100
46) Dibromomethane	9.393	93	43607	47.687	ug/l	100
47) Bromodichloromethane	9.587	83	101896	46.808	ug/l	100
48) Methyl methacrylate	9.381	41	29960	48.650	ug/l	100
49) 1,4-Dioxane	9.387	88	8344	985.502	ug/l	100
51) 4-Methyl-2-Pentanone	10.157	43	167936	254.163	ug/l	100
52) Toluene	10.334	92	205205	49.565	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	95490	47.976	ug/l	100
54) cis-1,3-Dichloropropene	10.016	75	115596	48.312	ug/l	100
55) 1,1,2-Trichloroethane	10.734	97	58222	47.546	ug/l	100
56) Ethyl methacrylate	10.599	69	63192	51.477	ug/l	100
57) 1,3-Dichloropropane	10.881	76	95253	48.207	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.869	63	141354	261.142	ug/l	100
59) 2-Hexanone	10.922	43	124733	254.654	ug/l	100
60) Dibromochloromethane	11.075	129	73044	48.369	ug/l	100
61) 1,2-Dibromoethane	11.175	107	57789	48.764	ug/l	100
64) Tetrachloroethene	10.810	164	69488	48.796	ug/l	100
65) Chlorobenzene	11.604	112	217164	48.293	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	79064	48.009	ug/l	100
67) Ethyl Benzene	11.681	91	379159	49.480	ug/l	100
68) m/p-Xylenes	11.793	106	305697	98.243	ug/l	100
69) o-Xylene	12.122	106	142459	49.482	ug/l	100
70) Styrene	12.134	104	243390	50.368	ug/l	100
71) Bromoform	12.298	173	43390	48.753	ug/l #	100
73) Isopropylbenzene	12.422	105	364117	49.387	ug/l	100
74) N-amyl acetate	12.234	43	60520	50.559	ug/l	100
75) 1,1,2,2-Tetrachloroethane	12.675	83	67315	49.321	ug/l	100
76) 1,2,3-Trichloropropane	12.722	75	41369m	48.049	ug/l	100
77) Bromobenzene	12.698	156	89560	48.983	ug/l	100
78) n-propylbenzene	12.763	91	450351	50.182	ug/l	100
79) 2-Chlorotoluene	12.845	91	236617	48.062	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	302290	49.582	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	20612	50.081	ug/l	100
82) 4-Chlorotoluene	12.945	91	252487	48.488	ug/l	100
83) tert-Butylbenzene	13.169	119	264092	50.236	ug/l	100
84) 1,2,4-Trimethylbenzene	13.210	105	311431	50.688	ug/l	100
85) sec-Butylbenzene	13.345	105	400938	50.397	ug/l	100
86) p-Isopropyltoluene	13.457	119	344101	50.525	ug/l	100
87) 1,3-Dichlorobenzene	13.457	146	187424	48.575	ug/l	100
88) 1,4-Dichlorobenzene	13.534	146	182875	48.093	ug/l	100
89) n-Butylbenzene	13.787	91	307725	50.031	ug/l	100
90) Hexachloroethane	14.051	117	67496	47.897	ug/l	100
91) 1,2-Dichlorobenzene	13.828	146	158648	47.741	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8676	47.520	ug/l	100
93) 1,2,4-Trichlorobenzene	15.098	180	91448	47.153	ug/l	100
94) Hexachlorobutadiene	15.204	225	48778	46.458	ug/l	100
95) Naphthalene	15.328	128	170162	50.465	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	83965	50.044	ug/l	100

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

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