

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051024\
 Data File : VD078899.D
 Acq On : 10 May 2024 17:14
 Operator : RP/MD
 Sample : VSTDICCC050
 Misc : 5.00G/5ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICCC050

Quant Time: May 11 05:01:52 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051024S.M
 Quant Title : SW846 8260
 QLast Update : Sat May 11 04:52:10 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 05/13/2024
 Supervised By :Semsettin Yesilyurt 05/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	145070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.781	114	228720	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	219900	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	116242	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	58195	44.471	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	88.940%		
35) Dibromofluoromethane	7.804	113	67967	45.780	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	91.560%		
50) Toluene-d8	10.269	98	265775	47.590	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	95.180%		
62) 4-Bromofluorobenzene	12.575	95	75215	47.684	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	95.360%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.934	85	65012	44.555	ug/l	96
3) Chloromethane	2.152	50	94712	44.058	ug/l	98
4) Vinyl Chloride	2.287	62	141151	43.326	ug/l	92
5) Bromomethane	2.693	94	126073	40.059	ug/l	98
6) Chloroethane	2.840	64	107397	39.946	ug/l	98
7) Trichlorofluoromethane	3.175	101	111925	37.086	ug/l	96
8) Diethyl Ether	3.599	74	31332	40.353	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.963	101	70895	42.188	ug/l	97
10) Methyl Iodide	4.163	142	89860	44.848	ug/l	98
11) Tert butyl alcohol	5.052	59	14321	211.175	ug/l #	95
12) 1,1-Dichloroethene	3.946	96	69103	41.730	ug/l	96
13) Acrolein	3.805	56	32781	214.929	ug/l	99
14) Allyl chloride	4.563	41	67917	44.302	ug/l	95
15) Acrylonitrile	5.258	53	64226	236.520	ug/l	96
16) Acetone	4.022	43	67892	264.022	ug/l	94
17) Carbon Disulfide	4.269	76	226115	41.621	ug/l	99
18) Methyl Acetate	4.563	43	22532	45.404	ug/l	96
19) Methyl tert-butyl Ether	5.316	73	143277	48.704	ug/l	99
20) Methylene Chloride	4.805	84	100381	50.191	ug/l	96
21) trans-1,2-Dichloroethene	5.310	96	78537	45.899	ug/l	89
22) Diisopropyl ether	6.216	45	162194	48.395	ug/l	98
23) Vinyl Acetate	6.157	43	503305	249.415	ug/l	94
24) 1,1-Dichloroethane	6.116	63	117426	45.153	ug/l	99
25) 2-Butanone	7.081	43	83343	264.639	ug/l #	89
26) 2,2-Dichloropropane	7.075	77	105480	44.857	ug/l	98
27) cis-1,2-Dichloroethene	7.081	96	89527	45.174	ug/l	97
28) Bromochloromethane	7.428	49	43974	48.457	ug/l	91
29) Tetrahydrofuran	7.446	42	43481	248.186	ug/l	94
30) Chloroform	7.593	83	133360	44.854	ug/l	97
31) Cyclohexane	7.881	56	95630	44.740	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	116991	44.732	ug/l	99
36) 1,1-Dichloropropene	8.010	75	96867	48.563	ug/l	99
37) Ethyl Acetate	7.169	43	31247	47.474	ug/l #	96
38) Carbon Tetrachloride	7.987	117	109704	46.837	ug/l	95
39) Methylcyclohexane	9.275	83	123590	48.332	ug/l	97
40) Benzene	8.251	78	304239	47.301	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	17357	47.573	ug/l	96
42) 1,2-Dichloroethane	8.328	62	71579	47.747	ug/l	98
43) Isopropyl Acetate	8.363	43	59034	48.291	ug/l	98
44) Trichloroethene	9.028	130	79743	46.518	ug/l	95
45) 1,2-Dichloropropane	9.304	63	66209	46.729	ug/l	96
46) Dibromomethane	9.393	93	44242	49.201	ug/l	96
47) Bromodichloromethane	9.587	83	103617	46.567	ug/l	98
48) Methyl methacrylate	9.381	41	28146	49.601	ug/l	95
49) 1,4-Dioxane	9.381	88	8879	1024.897	ug/l #	87
51) 4-Methyl-2-Pentanone	10.157	43	159135	253.592	ug/l	98
52) Toluene	10.334	92	200557	48.062	ug/l	100
53) t-1,3-Dichloropropene	10.551	75	92582	49.107	ug/l	92
54) cis-1,3-Dichloropropene	10.016	75	109436	48.344	ug/l	98
55) 1,1,2-Trichloroethane	10.734	97	56572	47.123	ug/l	95
56) Ethyl methacrylate	10.598	69	63112	50.829	ug/l	98
57) 1,3-Dichloropropane	10.881	76	89893	48.202	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	141502	287.467	ug/l	98
59) 2-Hexanone	10.922	43	130620	282.546	ug/l	99
60) Dibromochloromethane	11.075	129	77504	47.870	ug/l	99
61) 1,2-Dibromoethane	11.181	107	53120	47.303	ug/l	99
64) Tetrachloroethene	10.810	164	69350	45.507	ug/l	99
65) Chlorobenzene	11.604	112	224394	45.588	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	76729	45.133	ug/l	99
67) Ethyl Benzene	11.681	91	368365	46.884	ug/l	98
68) m/p-Xylenes	11.792	106	302797	93.706	ug/l	98
69) o-Xylene	12.122	106	138044	47.260	ug/l	99
70) Styrene	12.134	104	251079	48.479	ug/l	99
71) Bromoform	12.298	173	42873	46.806	ug/l #	98
73) Isopropylbenzene	12.422	105	355829	47.559	ug/l	99
74) N-amyl acetate	12.234	43	56773	48.358	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.675	83	62258	47.884	ug/l	99
76) 1,2,3-Trichloropropane	12.722	75	39856m	44.054	ug/l	
77) Bromobenzene	12.698	156	89007	46.645	ug/l	97
78) n-propylbenzene	12.763	91	432388	47.994	ug/l	99
79) 2-Chlorotoluene	12.845	91	231348	46.944	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	299019	48.004	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.469	75	21539	48.796	ug/l	98
82) 4-Chlorotoluene	12.945	91	247461	46.067	ug/l	99
83) tert-Butylbenzene	13.169	119	267066	48.192	ug/l	98
84) 1,2,4-Trimethylbenzene	13.210	105	307029	48.866	ug/l	98
85) sec-Butylbenzene	13.345	105	395215	48.253	ug/l	100
86) p-Isopropyltoluene	13.457	119	344428	48.449	ug/l	99
87) 1,3-Dichlorobenzene	13.457	146	188188	46.861	ug/l	99
88) 1,4-Dichlorobenzene	13.539	146	182136	45.596	ug/l	99
89) n-Butylbenzene	13.786	91	308438	49.125	ug/l	99
90) Hexachloroethane	14.051	117	64336	44.628	ug/l	96
91) 1,2-Dichlorobenzene	13.828	146	160713	46.847	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	8191	45.728	ug/l	97
93) 1,2,4-Trichlorobenzene	15.098	180	96186	48.108	ug/l	95
94) Hexachlorobutadiene	15.204	225	48895	45.348	ug/l	99
95) Naphthalene	15.333	128	173031	49.296	ug/l #	96
96) 1,2,3-Trichlorobenzene	15.522	180	81763	46.882	ug/l	96

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

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