

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD121422\
 Data File : VD075018.D
 Acq On : 14 Dec 2022 12:57
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Dec 15 03:05:30 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D121422S.M
 Quant Title : SW846 8260
 QLast Update : Thu Dec 15 03:01:37 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 12/15/2022
 Supervised By :Mahesh Dadoda 12/15/2022

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	217981	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	292807	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	262994	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	124881	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	156388	100.252	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 200.500%#			
35) Dibromofluoromethane	7.805	113	244359	133.339	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 266.680%#			
50) Toluene-d8	10.269	98	713438	126.995	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 253.980%#			
62) 4-Bromofluorobenzene	12.575	95	247089	136.985	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 273.980%#			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.928	85	160976	125.486	ug/l	97
3) Chloromethane	2.146	50	277005	113.611	ug/l	97
4) Vinyl Chloride	2.275	62	345410	130.970	ug/l	99
5) Bromomethane	2.664	94	233571	122.010	ug/l	100
6) Chloroethane	2.822	64	254814	130.615	ug/l	97
7) Trichlorofluoromethane	3.164	101	431838	134.467	ug/l	95
8) Diethyl Ether	3.587	74	130958	136.421	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.958	101	286579	136.952	ug/l	99
10) Methyl Iodide	4.158	142	290211	177.820	ug/l	99
11) Tert butyl alcohol	5.058	59	74991	635.045	ug/l	97
12) 1,1-Dichloroethene	3.934	96	275963	137.673	ug/l	97
13) Acrolein	3.793	56	146901	683.996	ug/l	99
14) Allyl chloride	4.558	41	318593	139.067	ug/l	99
15) Acrylonitrile	5.258	53	282773	698.045	ug/l	99
16) Acetone	4.017	43	294602	727.729	ug/l	94
17) Carbon Disulfide	4.264	76	610215	133.578	ug/l	99
18) Methyl Acetate	4.564	43	126062	112.939	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	608687	142.755	ug/l	99
20) Methylene Chloride	4.799	84	312498	100.037	ug/l	97
21) trans-1,2-Dichloroethene	5.305	96	301859	138.110	ug/l	96
22) Diisopropyl ether	6.216	45	745958	142.313	ug/l	99
23) Vinyl Acetate	6.158	43	1813281	824.466	ug/l	99
24) 1,1-Dichloroethane	6.111	63	509467	136.959	ug/l	98
25) 2-Butanone	7.081	43	356449	699.099	ug/l	93
26) 2,2-Dichloropropane	7.075	77	480589	137.470	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	364069	140.914	ug/l	100
28) Bromochloromethane	7.428	49	157569	132.465	ug/l	99
29) Tetrahydrofuran	7.446	42	191829	702.898	ug/l	99
30) Chloroform	7.599	83	550128	135.615	ug/l	98
31) Cyclohexane	7.875	56	382380	137.118	ug/l	98
32) 1,1,1-Trichloroethane	7.793	97	483911	139.442	ug/l	99
36) 1,1-Dichloropropene	8.010	75	337604	140.203	ug/l	99
37) Ethyl Acetate	7.169	43	142905	151.653	ug/l	97
38) Carbon Tetrachloride	7.987	117	339416	150.674	ug/l	96
39) Methylcyclohexane	9.275	83	396846	161.879	ug/l	99
40) Benzene	8.252	78	995356	137.628	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	79833	163.422	ug/l	96
42) 1,2-Dichloroethane	8.328	62	234607	135.191	ug/l	99
43) Isopropyl Acetate	8.363	43	234538	148.379	ug/l	99
44) Trichloroethene	9.028	130	281679	148.826	ug/l	94
45) 1,2-Dichloropropane	9.304	63	248892	151.793	ug/l	99
46) Dibromomethane	9.393	93	135224	151.800	ug/l	99
47) Bromodichloromethane	9.587	83	346049	153.028	ug/l	98
48) Methyl methacrylate	9.381	41	111810	161.135	ug/l	95
49) 1,4-Dioxane	9.387	88	31548	3163.943	ug/l	94
51) 4-Methyl-2-Pentanone	10.157	43	617801	781.963	ug/l	99
52) Toluene	10.334	92	662486	155.036	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	334107	160.305	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	400611	158.439	ug/l	97
55) 1,1,2-Trichloroethane	10.734	97	195897	150.600	ug/l	97
56) Ethyl methacrylate	10.599	69	234782	164.412	ug/l	100
57) 1,3-Dichloropropane	10.881	76	317380	150.615	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	494400	851.983	ug/l	99
59) 2-Hexanone	10.922	43	467777	812.991	ug/l	99
60) Dibromochloromethane	11.075	129	231040	152.063	ug/l	99
61) 1,2-Dibromoethane	11.181	107	176913	150.667	ug/l	99
64) Tetrachloroethene	10.810	164	227414	148.729	ug/l	99
65) Chlorobenzene	11.610	112	722338	149.576	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	264580	155.858	ug/l	99
67) Ethyl Benzene	11.687	91	1338187	160.388	ug/l	99
68) m/p-Xylenes	11.793	106	1046949	319.776	ug/l	99
69) o-Xylene	12.122	106	495303	159.703	ug/l	99
70) Styrene	12.134	104	851635	159.769	ug/l	100
71) Bromoform	12.298	173	130718	149.811	ug/l #	99
73) Isopropylbenzene	12.422	105	1311347	158.779	ug/l	100
74) N-amyl acetate	12.234	43	227029	157.300	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	214461	144.459	ug/l	99
76) 1,2,3-Trichloropropane	12.728	75	153016m	141.124	ug/l	
77) Bromobenzene	12.704	156	284284	151.292	ug/l	100
78) n-propylbenzene	12.763	91	1570873	155.356	ug/l	100
79) 2-Chlorotoluene	12.851	91	840549	152.591	ug/l	100
80) 1,3,5-Trimethylbenzene	12.904	105	1066966	156.287	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.469	75	66053	154.792	ug/l	98
82) 4-Chlorotoluene	12.951	91	859848	150.538	ug/l	100
83) tert-Butylbenzene	13.169	119	946163	160.954	ug/l	99
84) 1,2,4-Trimethylbenzene	13.216	105	1064157	157.203	ug/l	99
85) sec-Butylbenzene	13.345	105	1448563	158.314	ug/l	100
86) p-Isopropyltoluene	13.463	119	1231068	161.467	ug/l	99
87) 1,3-Dichlorobenzene	13.463	146	600480	151.198	ug/l	99
88) 1,4-Dichlorobenzene	13.540	146	565153	144.187	ug/l	99
89) n-Butylbenzene	13.787	91	1136928	159.508	ug/l	99
90) Hexachloroethane	14.057	117	210438	155.335	ug/l	99
91) 1,2-Dichlorobenzene	13.834	146	499455	147.336	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.451	75	29142	148.202	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	323488	154.828	ug/l	100
94) Hexachlorobutadiene	15.210	225	167270	155.471	ug/l	99
95) Naphthalene	15.334	128	623370	157.747	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	274902	155.130	ug/l	100

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

