

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051922\
 Data File : VD073137.D
 Acq On : 19 May 2022 13:37
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/24/2022
 Supervised By :Mahesh Dadoda 05/24/2022

Quant Time: May 19 14:19:38 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051922S.M
 Quant Title : SW846 8260
 QLast Update : Thu May 19 14:16:43 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	343581	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	577841	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	544871	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	265516	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	75256	17.937	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	35.880%#		
35) Dibromofluoromethane	7.908	113	79157	19.741	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	39.480%#		
50) Toluene-d8	10.332	98	282979	19.427	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	38.860%#		
62) 4-Bromofluorobenzene	12.620	95	99956	19.096	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	38.200%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.991	85	76407	18.154	ug/l	99
3) Chloromethane	2.209	50	77567	17.846	ug/l	97
4) Vinyl Chloride	2.350	62	72383	18.060	ug/l	98
5) Bromomethane	2.750	94	50888	17.886	ug/l	97
6) Chloroethane	2.909	64	46241	18.505	ug/l	97
7) Trichlorofluoromethane	3.262	101	130632	17.831	ug/l	99
8) Diethyl Ether	3.703	74	33195	16.638	ug/l	98
9) 1,1,2-Trichlorotrifluo...	4.091	101	76097	17.546	ug/l	97
10) Methyl Iodide	4.297	142	79519	18.095	ug/l	98
11) Tert butyl alcohol	5.185	59	62658	96.451	ug/l #	74
12) 1,1-Dichloroethene	4.067	96	69858	17.731	ug/l	90
13) Acrolein	3.920	56	29858	88.748	ug/l	97
14) Allyl chloride	4.709	41	110728	17.765	ug/l	93
15) Acrylonitrile	5.420	53	79629	84.441	ug/l	99
16) Acetone	4.150	43	64990	86.597	ug/l #	82
17) Carbon Disulfide	4.409	76	232399	17.718	ug/l	97
18) Methyl Acetate	4.715	43	36311	15.177	ug/l #	89
19) Methyl tert-butyl Ether	5.473	73	156661	17.239	ug/l	100
20) Methylene Chloride	4.962	84	96146	17.391	ug/l	93
21) trans-1,2-Dichloroethene	5.467	96	83926	17.970	ug/l	88
22) Diisopropyl ether	6.361	45	237544	17.885	ug/l	91
23) Vinyl Acetate	6.303	43	623394	87.586	ug/l	96
24) 1,1-Dichloroethane	6.261	63	150884	18.160	ug/l	97
25) 2-Butanone	7.208	43	96896	84.922	ug/l #	86
26) 2,2-Dichloropropane	7.203	77	129838	18.394	ug/l	100
27) cis-1,2-Dichloroethene	7.208	96	91910	17.849	ug/l	92
28) Bromochloromethane	7.544	49	47283	16.568	ug/l #	82
29) Tetrahydrofuran	7.556	42	62096	85.104	ug/l	96
30) Chloroform	7.703	83	157283	17.737	ug/l	98
31) Cyclohexane	7.979	56	129249	16.963	ug/l #	82
32) 1,1,1-Trichloroethane	7.897	97	138996	18.245	ug/l	94
36) 1,1-Dichloropropene	8.108	75	117961	18.100	ug/l	98
37) Ethyl Acetate	7.291	43	46362	17.306	ug/l #	94
38) Carbon Tetrachloride	8.091	117	121291	18.195	ug/l	97
39) Methylcyclohexane	9.350	83	129932	17.175	ug/l	95
40) Benzene	8.344	78	337352	18.191	ug/l	97

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Quant Title : SW846 8260

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Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	27963	18.839	ug/l	95
42) 1,2-Dichloroethane	8.420	62	93951	17.528	ug/l	96
43) Isopropyl Acetate	8.450	43	84563	16.892	ug/l	93
44) Trichloroethene	9.108	130	89072	17.662	ug/l	95
45) 1,2-Dichloropropane	9.379	63	83761	17.420	ug/l	98
46) Dibromomethane	9.467	93	46102	17.386	ug/l	97
47) Bromodichloromethane	9.655	83	118160	17.533	ug/l	99
48) Methyl methacrylate	9.450	41	42393	17.199	ug/l #	86
49) 1,4-Dioxane	9.450	88	9871	362.212	ug/l	92
51) 4-Methyl-2-Pentanone	10.220	43	220322	84.749	ug/l	93
52) Toluene	10.397	92	214048	18.125	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	106611	17.421	ug/l	98
54) cis-1,3-Dichloropropene	10.079	75	129071	17.798	ug/l	90
55) 1,1,2-Trichloroethane	10.791	97	62547	17.323	ug/l	99
56) Ethyl methacrylate	10.655	69	68249	16.768	ug/l	89
57) 1,3-Dichloropropane	10.938	76	106482	17.323	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.932	63	136500	75.238	ug/l	96
59) 2-Hexanone	10.979	43	151413	88.211	ug/l	100
60) Dibromochloromethane	11.132	129	79717	17.757	ug/l	98
61) 1,2-Dibromoethane	11.238	107	60575	17.426	ug/l	97
64) Tetrachloroethene	10.867	164	71464	18.118	ug/l	92
65) Chlorobenzene	11.661	112	227832	18.684	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.732	131	83468	17.914	ug/l	98
67) Ethyl Benzene	11.732	91	395092	18.575	ug/l	99
68) m/p-Xylenes	11.844	106	319296	38.602	ug/l	97
69) o-Xylene	12.173	106	142474	18.761	ug/l	96
70) Styrene	12.185	104	251059	18.990	ug/l	95
71) Bromoform	12.349	173	43461	17.951	ug/l #	99
73) Isopropylbenzene	12.467	105	374725	18.688	ug/l	100
74) N-amyl acetate	12.279	43	82009	17.888	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.714	83	69636	17.952	ug/l	99
76) 1,2,3-Trichloropropane	12.773	75	48938m	16.641	ug/l	
77) Bromobenzene	12.749	156	88372	18.650	ug/l	92
78) n-propylbenzene	12.808	91	482497	19.189	ug/l	99
79) 2-Chlorotoluene	12.896	91	277534	19.017	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	325373	19.096	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	20317	16.615	ug/l	93
82) 4-Chlorotoluene	12.991	91	291681	18.865	ug/l	100
83) tert-Butylbenzene	13.208	119	274088	18.984	ug/l	96
84) 1,2,4-Trimethylbenzene	13.255	105	324600	19.225	ug/l	100
85) sec-Butylbenzene	13.391	105	414742	18.911	ug/l	99
86) p-Isopropyltoluene	13.502	119	341549	19.173	ug/l	99
87) 1,3-Dichlorobenzene	13.502	146	178564	18.336	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	182483	18.933	ug/l	100
89) n-Butylbenzene	13.826	91	317852	18.364	ug/l	99
90) Hexachloroethane	14.096	117	71031	19.173	ug/l	96
91) 1,2-Dichlorobenzene	13.873	146	157447	18.635	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	10304	17.139	ug/l	89
93) 1,2,4-Trichlorobenzene	15.143	180	85696	17.789	ug/l	99
94) Hexachlorobutadiene	15.249	225	49953	18.580	ug/l	97
95) Naphthalene	15.385	128	148137	17.137	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	76037	17.802	ug/l	99

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

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