

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD080922\
 Data File : VD073989.D
 Acq On : 09 Aug 2022 11:19
 Operator : VA/SY
 Sample : VSTDICC020
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC020

Quant Time: Aug 10 00:19:39 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D080922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Aug 10 00:16:54 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 08/10/2022
 Supervised By :Mahesh Dadoda 08/11/2022

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

Internal Standards						
1) Pentafluorobenzene	7.967	168	152954	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	250773	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.632	117	236310	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	117889	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	34024	24.986	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	49.980%#		
35) Dibromofluoromethane	7.902	113	34647	22.509	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	45.020%#		
50) Toluene-d8	10.332	98	116786	25.839	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	51.680%		
62) 4-Bromofluorobenzene	12.620	95	40155	20.535	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	41.060%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.991	85	30020	21.290	ug/l	98
3) Chloromethane	2.209	50	41724	21.676	ug/l	94
4) Vinyl Chloride	2.344	62	54788	21.206	ug/l	100
5) Bromomethane	2.750	94	31647	19.656	ug/l	99
6) Chloroethane	2.909	64	40210	21.906	ug/l	92
7) Trichlorofluoromethane	3.256	101	57559	17.932	ug/l	95
8) Diethyl Ether	3.703	74	12753	19.757	ug/l	97
9) 1,1,2-Trichlorotrifluo...	4.085	101	31568	20.123	ug/l	98
10) Methyl Iodide	4.291	142	28684	20.958	ug/l	98
11) Tert butyl alcohol	5.220	59	15792	101.765	ug/l #	87
12) 1,1-Dichloroethene	4.061	96	27142	20.896	ug/l	96
13) Acrolein	3.914	56	12406	139.015	ug/l	89
14) Allyl chloride	4.703	41	34826	19.727	ug/l	98
15) Acrylonitrile	5.414	53	30676	102.034	ug/l	98
16) Acetone	4.156	43	26221	91.473	ug/l	99
17) Carbon Disulfide	4.403	76	74669	22.067	ug/l	98
18) Methyl Acetate	4.714	43	15673	19.552	ug/l	98
19) Methyl tert-butyl Ether	5.473	73	67149	19.822	ug/l	92
20) Methylene Chloride	4.950	84	44486	19.405	ug/l	96
21) trans-1,2-Dichloroethene	5.461	96	32761	21.502	ug/l	93
22) Diisopropyl ether	6.355	45	79036	19.842	ug/l	98
23) Vinyl Acetate	6.303	43	221718	21.544	ug/l	97
24) 1,1-Dichloroethane	6.255	63	55879	20.448	ug/l	96
25) 2-Butanone	7.208	43	43297	99.874	ug/l	96
26) 2,2-Dichloropropane	7.197	77	56594	20.116	ug/l	98
27) cis-1,2-Dichloroethene	7.202	96	36127	20.143	ug/l	98
28) Bromochloromethane	7.538	49	17323	19.924	ug/l #	98
29) Tetrahydrofuran	7.555	42	24340	101.927	ug/l	99
30) Chloroform	7.702	83	63226	19.941	ug/l	98
31) Cyclohexane	7.979	56	44157	20.076	ug/l	95
32) 1,1,1-Trichloroethane	7.897	97	60014	20.041	ug/l	99
36) 1,1-Dichloropropene	8.102	75	44157	20.555	ug/l	99
37) Ethyl Acetate	7.291	43	19741	20.609	ug/l #	94
38) Carbon Tetrachloride	8.085	117	51819	20.564	ug/l	93
39) Methylcyclohexane	9.344	83	47985	21.080	ug/l	97
40) Benzene	8.338	78	123708	20.392	ug/l	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	9212	19.204	ug/l #	71
42) 1,2-Dichloroethane	8.414	62	40267	20.562	ug/l	97
43) Isopropyl Acetate	8.444	43	35296	19.675	ug/l	98
44) Trichloroethene	9.102	130	36909	20.774	ug/l	99
45) 1,2-Dichloropropane	9.379	63	31152	20.903	ug/l	90
46) Dibromomethane	9.467	93	21611	21.849	ug/l	93
47) Bromodichloromethane	9.649	83	48377	19.503	ug/l	96
48) Methyl methacrylate	9.449	41	17067	21.324	ug/l	89
49) 1,4-Dioxane	9.461	88	4874	433.510	ug/l #	89
51) 4-Methyl-2-Pentanone	10.220	43	92501	99.975	ug/l	99
52) Toluene	10.396	92	80274	20.092	ug/l	99
53) t-1,3-Dichloropropene	10.608	75	44476	20.491	ug/l	95
54) cis-1,3-Dichloropropene	10.079	75	49907	20.257	ug/l	98
55) 1,1,2-Trichloroethane	10.791	97	26325	20.234	ug/l	97
56) Ethyl methacrylate	10.649	69	28387	20.015	ug/l	95
57) 1,3-Dichloropropane	10.938	76	41540	20.097	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.932	63	43105	86.768	ug/l	98
59) 2-Hexanone	10.973	43	62501	99.829	ug/l	98
60) Dibromochloromethane	11.132	129	35047	20.186	ug/l	100
61) 1,2-Dibromoethane	11.232	107	25473	20.003	ug/l	98
64) Tetrachloroethene	10.867	164	30896	20.613	ug/l	94
65) Chlorobenzene	11.655	112	90421	19.899	ug/l	95
66) 1,1,1,2-Tetrachloroethane	11.732	131	33914	19.034	ug/l	96
67) Ethyl Benzene	11.732	91	154060	19.667	ug/l	99
68) m/p-Xylenes	11.843	106	124034	39.411	ug/l	99
69) o-Xylene	12.167	106	56099	19.361	ug/l	98
70) Styrene	12.179	104	98002	19.322	ug/l	98
71) Bromoform	12.343	173	20276	19.049	ug/l #	100
73) Isopropylbenzene	12.467	105	148191	19.447	ug/l	99
74) N-amyl acetate	12.273	43	33611	20.388	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.714	83	29614	19.837	ug/l	99
76) 1,2,3-Trichloropropane	12.767	75	18432m	12.043	ug/l	
77) Bromobenzene	12.749	156	37302	19.902	ug/l	96
78) n-propylbenzene	12.808	91	185269	19.794	ug/l	100
79) 2-Chlorotoluene	12.890	91	105399	19.760	ug/l	99
80) 1,3,5-Trimethylbenzene	12.943	105	130612	20.060	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.508	75	8427	20.178	ug/l	89
82) 4-Chlorotoluene	12.990	91	112815	19.909	ug/l	100
83) tert-Butylbenzene	13.208	119	109835	19.505	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	131368	20.054	ug/l	100
85) sec-Butylbenzene	13.385	105	171805	20.044	ug/l	99
86) p-Isopropyltoluene	13.496	119	141107	19.508	ug/l	98
87) 1,3-Dichlorobenzene	13.496	146	76214	19.432	ug/l	99
88) 1,4-Dichlorobenzene	13.579	146	75631	19.057	ug/l	95
89) n-Butylbenzene	13.826	91	132284	19.467	ug/l	99
90) Hexachloroethane	14.090	117	28691	19.618	ug/l	100
91) 1,2-Dichlorobenzene	13.873	146	65150	19.171	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.479	75	5102	19.264	ug/l	96
93) 1,2,4-Trichlorobenzene	15.137	180	38429	18.720	ug/l	99
94) Hexachlorobutadiene	15.243	225	22573	19.581	ug/l	99
95) Naphthalene	15.379	128	71697	18.541	ug/l	98
96) 1,2,3-Trichlorobenzene	15.573	180	34815	18.796	ug/l	98

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

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