

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032922\
 Data File : VD072467.D
 Acq On : 29 Mar 2022 16:45
 Operator : VA/SY
 Sample : VSTDICC005
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC005

Quant Time: Mar 30 01:48:42 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D032922S.M
 Quant Title : SW846 8260
 QLast Update : Wed Mar 30 01:44:48 2022
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 03/30/2022
 Supervised By :Semsettin Yesilyurt 03/31/2022

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

Internal Standards						
1) Pentafluorobenzene	7.979	168	406127	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	697689	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	640877	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	321956	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.332	65	28992	6.252	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	12.500%#		
35) Dibromofluoromethane	7.908	113	30051	5.928	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	11.860%#		
50) Toluene-d8	10.338	98	103279	5.659	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	11.320%#		
62) 4-Bromofluorobenzene	12.626	95	43215	6.096	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	12.200%#		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.985	85	13640	3.702	ug/l	95
3) Chloromethane	2.209	50	13002	3.919	ug/l #	87
4) Vinyl Chloride	2.350	62	11691	3.622	ug/l	90
5) Bromomethane	2.767	94	11404	5.277	ug/l	86
6) Chloroethane	2.920	64	8664	4.015	ug/l #	80
7) Trichlorofluoromethane	3.279	101	28119	3.855	ug/l	88
8) Diethyl Ether	3.714	74	9517	4.647	ug/l	81
9) 1,1,2-Trichlorotrifluo...	4.097	101	20634	4.424	ug/l	93
10) Methyl Iodide	4.309	142	13608	3.619	ug/l #	69
11) Tert butyl alcohol	5.220	59	6796	25.394	ug/l	95
12) 1,1-Dichloroethene	4.073	96	15481	4.126	ug/l #	86
13) Acrolein	3.932	56	4908	23.055	ug/l	94
14) Allyl chloride	4.714	41	21613	3.333	ug/l #	91
15) Acrylonitrile	5.420	53	25013	24.223	ug/l	97
16) Acetone	4.162	43	26917	27.429	ug/l	100
17) Carbon Disulfide	4.409	76	21426	2.876	ug/l	97
18) Methyl Acetate	4.720	43	13984	5.715	ug/l #	77
19) Methyl tert-butyl Ether	5.485	73	47055	4.545	ug/l	96
20) Methylene Chloride	4.961	84	33657	5.665	ug/l #	82
21) trans-1,2-Dichloroethene	5.479	96	15832	3.797	ug/l	90
22) Diisopropyl ether	6.367	45	64410	4.288	ug/l	96
23) Vinyl Acetate	6.308	43	117462	15.350	ug/l #	92
24) 1,1-Dichloroethane	6.267	63	40569	4.585	ug/l	98
25) 2-Butanone	7.208	43	30440	22.948	ug/l	96
26) 2,2-Dichloropropane	7.208	77	34606	4.352	ug/l	99
27) cis-1,2-Dichloroethene	7.208	96	24279	4.525	ug/l	86
28) Bromochloromethane	7.544	49	23052	6.443	ug/l #	77
29) Tetrahydrofuran	7.573	42	17976	22.959	ug/l	89
30) Chloroform	7.703	83	44876	4.713	ug/l	97
31) Cyclohexane	7.979	56	28965	4.138	ug/l #	62
32) 1,1,1-Trichloroethane	7.897	97	35623	4.243	ug/l	98
36) 1,1-Dichloropropene	8.102	75	25668	3.743	ug/l	96
37) Ethyl Acetate	7.285	43	14334	4.726	ug/l #	83
38) Carbon Tetrachloride	8.097	117	30080	3.827	ug/l	93
39) Methylcyclohexane	9.355	83	24439	3.184	ug/l	92
40) Benzene	8.350	78	78287	3.960	ug/l	94

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.514	41	5133	2.984	ug/l #	48
42) 1,2-Dichloroethane	8.420	62	26732	4.446	ug/l	94
43) Isopropyl Acetate	8.450	43	23784	4.032	ug/l #	85
44) Trichloroethene	9.108	130	22557	4.062	ug/l	86
45) 1,2-Dichloropropane	9.385	63	22359	4.110	ug/l	100
46) Dibromomethane	9.479	93	12451	4.585	ug/l	97
47) Bromodichloromethane	9.649	83	35224	4.498	ug/l #	90
48) Methyl methacrylate	9.449	41	11841	4.262	ug/l	89
49) 1,4-Dioxane	9.455	88	3459	106.907	ug/l #	83
51) 4-Methyl-2-Pentanone	10.220	43	68006	21.894	ug/l	97
52) Toluene	10.396	92	49361	3.793	ug/l	95
53) t-1,3-Dichloropropene	10.614	75	28489	3.981	ug/l	92
54) cis-1,3-Dichloropropene	10.079	75	36132	4.369	ug/l #	81
55) 1,1,2-Trichloroethane	10.791	97	18621	4.517	ug/l	95
56) Ethyl methacrylate	10.655	69	18307	3.788	ug/l	90
57) 1,3-Dichloropropane	10.938	76	31537	4.579	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.932	63	54783	25.387	ug/l	95
59) 2-Hexanone	10.979	43	45348	21.119	ug/l	99
60) Dibromochloromethane	11.132	129	25108	4.703	ug/l	98
61) 1,2-Dibromoethane	11.238	107	16666	4.492	ug/l	97
64) Tetrachloroethene	10.873	164	17871	4.000	ug/l	95
65) Chlorobenzene	11.661	112	63096	4.417	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.738	131	25817	4.558	ug/l	98
67) Ethyl Benzene	11.738	91	99453	3.908	ug/l	98
68) m/p-Xylenes	11.849	106	75705	7.838	ug/l	96
69) o-Xylene	12.173	106	36977	4.006	ug/l	91
70) Styrene	12.185	104	63417	3.902	ug/l	96
71) Bromoform	12.355	173	14366	4.740	ug/l #	98
73) Isopropylbenzene	12.467	105	100818	3.925	ug/l	100
74) N-amyl acetate	12.279	43	22573	4.075	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	24099	5.180	ug/l	95
76) 1,2,3-Trichloropropane	12.773	75	17210m	4.738	ug/l	
77) Bromobenzene	12.749	156	24998	4.305	ug/l	96
78) n-propylbenzene	12.808	91	120793	3.871	ug/l	98
79) 2-Chlorotoluene	12.896	91	74575	4.114	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	89259	4.041	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.520	75	6204	4.275	ug/l #	86
82) 4-Chlorotoluene	12.996	91	80904	4.322	ug/l	100
83) tert-Butylbenzene	13.208	119	77148	3.997	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	87809	4.044	ug/l	96
85) sec-Butylbenzene	13.390	105	113174	3.902	ug/l	100
86) p-Isopropyltoluene	13.502	119	92500	3.886	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	54499	4.506	ug/l	98
88) 1,4-Dichlorobenzene	13.579	146	57530	4.791	ug/l	94
89) n-Butylbenzene	13.832	91	88596	3.909	ug/l	99
90) Hexachloroethane	14.096	117	21645	4.611	ug/l	97
91) 1,2-Dichlorobenzene	13.879	146	48298	4.553	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.485	75	3131	4.276	ug/l	72
93) 1,2,4-Trichlorobenzene	15.149	180	29148	4.197	ug/l	99
94) Hexachlorobutadiene	15.249	225	16747	4.203	ug/l	97
95) Naphthalene	15.384	128	61740	5.058	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	27068	4.491	ug/l	95

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

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