

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD032922\
 Data File : VD072465.D
 Acq On : 29 Mar 2022 15:49
 Operator : VA/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Quant Time: Mar 30 01:48:05 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	470783	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.861	114	770858	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.638	117	701497	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.567	152	339985	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.326	65	735413	136.806	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 273.620%#			
35) Dibromofluoromethane	7.914	113	799892	142.824	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 285.640%#			
50) Toluene-d8	10.332	98	2849788	141.323	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 282.640%#			
62) 4-Bromofluorobenzene	12.626	95	1076400	137.438	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 274.880%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.985	85	561590	131.471	ug/l	97
3) Chloromethane	2.209	50	562251	146.201	ug/l	98
4) Vinyl Chloride	2.350	62	594426	158.883	ug/l	100
5) Bromomethane	2.744	94	402360	160.613	ug/l	96
6) Chloroethane	2.909	64	403020	161.100	ug/l	99
7) Trichlorofluoromethane	3.268	101	1274012	150.671	ug/l	96
8) Diethyl Ether	3.709	74	377055	158.829	ug/l	85
9) 1,1,2-Trichlorotrifluo...	4.097	101	819148	151.493	ug/l	96
10) Methyl Iodide	4.297	142	798942	183.300	ug/l	98
11) Tert butyl alcohol	5.220	59	216432	697.666	ug/l	97
12) 1,1-Dichloroethene	4.062	96	691107	158.891	ug/l	88
13) Acrolein	3.915	56	60965	247.052	ug/l	97
14) Allyl chloride	4.715	41	1118731	148.837	ug/l #	92
15) Acrylonitrile	5.414	53	883364	737.977	ug/l	97
16) Acetone	4.156	43	729838	641.583	ug/l	95
17) Carbon Disulfide	4.409	76	1416038	163.995	ug/l	99
18) Methyl Acetate	4.715	43	390894	137.801	ug/l #	90
19) Methyl tert-butyl Ether	5.473	73	1888150	157.317	ug/l	100
20) Methylene Chloride	4.962	84	821326	119.248	ug/l	87
21) trans-1,2-Dichloroethene	5.473	96	768738	159.034	ug/l	92
22) Diisopropyl ether	6.362	45	2574012	147.814	ug/l #	92
23) Vinyl Acetate	6.303	43	6889276	776.642	ug/l #	92
24) 1,1-Dichloroethane	6.261	63	1548739	150.989	ug/l	99
25) 2-Butanone	7.209	43	1065350	692.832	ug/l #	84
26) 2,2-Dichloropropane	7.203	77	1405687	152.493	ug/l	97
27) cis-1,2-Dichloroethene	7.209	96	997116	160.312	ug/l	91
28) Bromochloromethane	7.544	49	607749	146.538	ug/l #	77
29) Tetrahydrofuran	7.561	42	661410	728.731	ug/l #	87
30) Chloroform	7.708	83	1692908	153.370	ug/l	97
31) Cyclohexane	7.985	56	1206538	148.707	ug/l	93
32) 1,1,1-Trichloroethane	7.903	97	1499588	154.091	ug/l	96
36) 1,1-Dichloropropene	8.108	75	1152800	152.139	ug/l	96
37) Ethyl Acetate	7.291	43	479166	142.993	ug/l #	94
38) Carbon Tetrachloride	8.097	117	1300995	149.829	ug/l	96
39) Methylcyclohexane	9.350	83	1375606	162.209	ug/l	96
40) Benzene	8.344	78	3309234	151.500	ug/l	98

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41) Methacrylonitrile	7.520	41	284695m	149.796	ug/l	
42) 1,2-Dichloroethane	8.420	62	964308	145.166	ug/l	96
43) Isopropyl Acetate	8.450	43	940746	144.330	ug/l #	92
44) Trichloroethene	9.108	130	938487	152.969	ug/l	96
45) 1,2-Dichloropropane	9.385	63	883847	147.044	ug/l	97
46) Dibromomethane	9.467	93	470811	156.930	ug/l	97
47) Bromodichloromethane	9.655	83	1306017	150.936	ug/l	99
48) Methyl methacrylate	9.450	41	474193	154.496	ug/l #	87
49) 1,4-Dioxane	9.461	88	107894	3018.138	ug/l	94
51) 4-Methyl-2-Pentanone	10.220	43	2444135	712.184	ug/l	91
52) Toluene	10.397	92	2223493	154.632	ug/l	96
53) t-1,3-Dichloropropene	10.614	75	1203617	152.216	ug/l	97
54) cis-1,3-Dichloropropene	10.085	75	1390833	152.207	ug/l #	87
55) 1,1,2-Trichloroethane	10.797	97	681543	149.649	ug/l	98
56) Ethyl methacrylate	10.655	69	862359	161.510	ug/l #	83
57) 1,3-Dichloropropane	10.938	76	1136882	149.386	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.938	63	1802062	755.823	ug/l	94
59) 2-Hexanone	10.979	43	1700001	716.566	ug/l	90
60) Dibromochloromethane	11.132	129	880623	149.280	ug/l	99
61) 1,2-Dibromoethane	11.238	107	632730	154.345	ug/l	100
64) Tetrachloroethene	10.873	164	726074	148.489	ug/l	97
65) Chlorobenzene	11.661	112	2411805	154.258	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.738	131	941875	151.931	ug/l	98
67) Ethyl Benzene	11.738	91	4418007	158.623	ug/l	98
68) m/p-Xylenes	11.849	106	3349194	316.791	ug/l	98
69) o-Xylene	12.173	106	1629122	161.257	ug/l	96
70) Styrene	12.185	104	2805678	157.707	ug/l	98
71) Bromoform	12.349	173	478706	144.300	ug/l #	98
73) Isopropylbenzene	12.473	105	4438795	163.630	ug/l	99
74) N-amyl acetate	12.279	43	920518	157.372	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	747509	152.160	ug/l	98
76) 1,2,3-Trichloropropane	12.773	75	591860m	154.302	ug/l	
77) Bromobenzene	12.749	156	956694	156.026	ug/l	92
78) n-propylbenzene	12.814	91	5288856	160.481	ug/l	98
79) 2-Chlorotoluene	12.896	91	3054848	159.571	ug/l	98
80) 1,3,5-Trimethylbenzene	12.949	105	3662509	157.015	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.520	75	241091	157.310	ug/l	88
82) 4-Chlorotoluene	12.996	91	3112221	157.446	ug/l	98
83) tert-Butylbenzene	13.214	119	3241621	159.059	ug/l	98
84) 1,2,4-Trimethylbenzene	13.261	105	3585719	156.368	ug/l	99
85) sec-Butylbenzene	13.391	105	4790182	156.409	ug/l	99
86) p-Isopropyltoluene	13.508	119	3967571	157.824	ug/l	99
87) 1,3-Dichlorobenzene	13.508	146	1921181	150.420	ug/l	99
88) 1,4-Dichlorobenzene	13.585	146	1886923	148.796	ug/l	99
89) n-Butylbenzene	13.832	91	3745183	156.481	ug/l	97
90) Hexachloroethane	14.102	117	783504	158.050	ug/l	100
91) 1,2-Dichlorobenzene	13.879	146	1684455	150.364	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	117215	151.575	ug/l	87
93) 1,2,4-Trichlorobenzene	15.143	180	1059205	144.420	ug/l	99
94) Hexachlorobutadiene	15.255	225	574532	136.544	ug/l	98
95) Naphthalene	15.385	128	2054007	159.362	ug/l	99
96) 1,2,3-Trichlorobenzene	15.579	180	902675	141.830	ug/l	99

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

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