

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD071822\
 Data File : VD073852.D
 Acq On : 18 Jul 2022 16:40
 Operator : VA/SY
 Sample : VSTDICC100
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC100

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 07/19/2022
 Supervised By :Mahesh Dadoda 07/19/2022

Quant Time: Jul 19 01:18:58 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D071822S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jul 19 01:16:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.973	168	147220	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.855	114	247401	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.631	117	231591	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.561	152	118098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.320	65	169054	89.133	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 178.260%#			
35) Dibromofluoromethane	7.908	113	167855	96.935	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 193.860%#			
50) Toluene-d8	10.332	98	644589	103.000	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 206.000%#			
62) 4-Bromofluorobenzene	12.620	95	226882	98.951	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 197.900%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.991	85	127474	66.311	ug/l	99
3) Chloromethane	2.208	50	214869	98.800	ug/l	99
4) Vinyl Chloride	2.344	62	319685	149.592	ug/l	98
5) Bromomethane	2.750	94	206727	144.979	ug/l	95
6) Chloroethane	2.908	64	207137	151.025	ug/l	98
7) Trichlorofluoromethane	3.261	101	279445	85.357	ug/l	96
8) Diethyl Ether	3.702	74	71827	77.900	ug/l	83
9) 1,1,2-Trichlorotrifluo...	4.085	101	152312	79.018	ug/l	100
10) Methyl Iodide	4.285	142	175873	90.348	ug/l	96
11) Tert butyl alcohol	5.232	59	43360	274.200	ug/l	99
12) 1,1-Dichloroethene	4.055	96	140529	80.954	ug/l	90
13) Acrolein	3.914	56	36212	284.518	ug/l	97
14) Allyl chloride	4.702	41	212066	77.105	ug/l #	90
15) Acrylonitrile	5.414	53	147748	343.369	ug/l	100
16) Acetone	4.150	43	134137	346.036	ug/l #	89
17) Carbon Disulfide	4.402	76	448689	82.296	ug/l	99
18) Methyl Acetate	4.720	43	65982	61.284	ug/l #	86
19) Methyl tert-butyl Ether	5.473	73	352922	85.218	ug/l	96
20) Methylene Chloride	4.955	84	181866	62.208	ug/l	87
21) trans-1,2-Dichloroethene	5.461	96	167068	84.019	ug/l	92
22) Diisopropyl ether	6.355	45	458412	76.427	ug/l #	95
23) Vinyl Acetate	6.296	43	1316250	395.798	ug/l #	92
24) 1,1-Dichloroethane	6.255	63	287662	78.295	ug/l	99
25) 2-Butanone	7.208	43	196940	369.998	ug/l #	86
26) 2,2-Dichloropropane	7.202	77	259765	83.420	ug/l	97
27) cis-1,2-Dichloroethene	7.202	96	191401	84.141	ug/l	90
28) Bromochloromethane	7.543	49	112731	82.253	ug/l #	78
29) Tetrahydrofuran	7.555	42	122804	363.633	ug/l #	86
30) Chloroform	7.702	83	318608	81.333	ug/l	97
31) Cyclohexane	7.979	56	251106	77.865	ug/l	87
32) 1,1,1-Trichloroethane	7.896	97	295874	87.584	ug/l	96
36) 1,1-Dichloropropene	8.102	75	239875	87.112	ug/l	96
37) Ethyl Acetate	7.285	43	90412	74.689	ug/l #	94
38) Carbon Tetrachloride	8.090	117	270160	93.338	ug/l	98
39) Methylcyclohexane	9.349	83	288788	90.155	ug/l	94
40) Benzene	8.343	78	670279	84.624	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.508	41	53653	74.409	ug/l	92
42) 1,2-Dichloroethane	8.414	62	201668	84.252	ug/l	97
43) Isopropyl Acetate	8.443	43	184891	80.918	ug/l #	93
44) Trichloroethene	9.102	130	186103	87.659	ug/l	97
45) 1,2-Dichloropropane	9.379	63	157923	77.041	ug/l	100
46) Dibromomethane	9.467	93	98214	85.193	ug/l	99
47) Bromodichloromethane	9.649	83	256862	87.052	ug/l	97
48) Methyl methacrylate	9.449	41	89064	80.172	ug/l #	86
49) 1,4-Dioxane	9.449	88	21649	1689.317	ug/l #	85
51) 4-Methyl-2-Pentanone	10.220	43	471086	399.121	ug/l	94
52) Toluene	10.396	92	463066	93.151	ug/l	98
53) t-1,3-Dichloropropene	10.608	75	239215	88.484	ug/l	99
54) cis-1,3-Dichloropropene	10.079	75	269378	85.611	ug/l	92
55) 1,1,2-Trichloroethane	10.790	97	126724	82.457	ug/l	99
56) Ethyl methacrylate	10.649	69	158565	88.401	ug/l	90
57) 1,3-Dichloropropane	10.937	76	218409	82.709	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.932	63	404745	462.922	ug/l	94
59) 2-Hexanone	10.973	43	324957	410.751	ug/l	94
60) Dibromochloromethane	11.132	129	176088	89.486	ug/l	99
61) 1,2-Dibromoethane	11.237	107	131469	87.366	ug/l	99
64) Tetrachloroethene	10.867	164	150492	89.761	ug/l	97
65) Chlorobenzene	11.661	112	481768	91.568	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.731	131	184525	93.459	ug/l	99
67) Ethyl Benzene	11.737	91	909884	99.427	ug/l	99
68) m/p-Xylenes	11.843	106	721278	203.464	ug/l	98
69) o-Xylene	12.173	106	338007	102.303	ug/l	93
70) Styrene	12.184	104	580071	101.761	ug/l	98
71) Bromoform	12.349	173	101836	94.655	ug/l #	99
73) Isopropylbenzene	12.467	105	898131	98.446	ug/l	98
74) N-amyl acetate	12.278	43	179220	81.690	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.720	83	146028	80.250	ug/l	100
76) 1,2,3-Trichloropropane	12.767	75	122683m	96.677	ug/l	
77) Bromobenzene	12.749	156	197155	91.629	ug/l	89
78) n-propylbenzene	12.808	91	1088942	95.114	ug/l	97
79) 2-Chlorotoluene	12.896	91	611747	91.822	ug/l	97
80) 1,3,5-Trimethylbenzene	12.949	105	766845	99.149	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.514	75	46432	83.466	ug/l	90
82) 4-Chlorotoluene	12.990	91	641668	91.839	ug/l	97
83) tert-Butylbenzene	13.208	119	654653	99.486	ug/l	97
84) 1,2,4-Trimethylbenzene	13.255	105	762393	98.528	ug/l	100
85) sec-Butylbenzene	13.384	105	987272	99.386	ug/l	99
86) p-Isopropyltoluene	13.502	119	848096	103.308	ug/l	100
87) 1,3-Dichlorobenzene	13.502	146	414488	94.445	ug/l	99
88) 1,4-Dichlorobenzene	13.578	146	406968	93.377	ug/l	99
89) n-Butylbenzene	13.825	91	783399	99.310	ug/l	99
90) Hexachloroethane	14.096	117	157608	93.828	ug/l	99
91) 1,2-Dichlorobenzene	13.873	146	353708	92.850	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.490	75	23888	81.953	ug/l	83
93) 1,2,4-Trichlorobenzene	15.143	180	220901	97.908	ug/l	99
94) Hexachlorobutadiene	15.249	225	114540	93.180	ug/l	99
95) Naphthalene	15.378	128	420376	101.497	ug/l	99
96) 1,2,3-Trichlorobenzene	15.572	180	190124	95.383	ug/l	99

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

