

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD011823\
 Data File : VD075129.D
 Acq On : 18 Jan 2023 13:10
 Operator : KP/SY
 Sample : VSTDICC150
 Misc : 5.00G/5.00ml/MSVOA_D/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_D
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/19/2023
 Supervised By :Mahesh Dadoda 01/19/2023

Quant Time: Jan 19 01:11:21 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D011823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Jan 19 01:06:43 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	97841	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	165298	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.587	117	145845	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	64782	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	142247	142.429	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 284.860%#			
35) Dibromofluoromethane	7.810	113	145383	144.467	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 288.940%#			
50) Toluene-d8	10.269	98	561966	143.579	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 287.160%#			
62) 4-Bromofluorobenzene	12.575	95	180167	145.794	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 291.580%#			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.928	85	109887	128.486	ug/l	98
3) Chloromethane	2.146	50	166120	129.961	ug/l	97
4) Vinyl Chloride	2.281	62	195968	143.956	ug/l	98
5) Bromomethane	2.664	94	132271	141.141	ug/l	100
6) Chloroethane	2.822	64	138340	147.909	ug/l	99
7) Trichlorofluoromethane	3.169	101	248544	145.145	ug/l	98
8) Diethyl Ether	3.587	74	81378	147.878	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.969	101	152853	142.679	ug/l	98
10) Methyl Iodide	4.158	142	221841	156.473	ug/l	99
11) Tert butyl alcohol	5.063	59	44694	625.046	ug/l #	81
12) 1,1-Dichloroethene	3.940	96	158843	141.717	ug/l	96
13) Acrolein	3.793	56	40205	585.745	ug/l	95
14) Allyl chloride	4.563	41	249055	139.442	ug/l	97
15) Acrylonitrile	5.252	53	169937	712.025	ug/l	98
16) Acetone	4.016	43	202678	758.074	ug/l	99
17) Carbon Disulfide	4.269	76	498502	137.300	ug/l	100
18) Methyl Acetate	4.563	43	99264	137.551	ug/l	98
19) Methyl tert-butyl Ether	5.316	73	343438	145.942	ug/l	98
20) Methylene Chloride	4.799	84	183340	107.310	ug/l	95
21) trans-1,2-Dichloroethene	5.310	96	171253	139.264	ug/l	97
22) Diisopropyl ether	6.216	45	478746	141.828	ug/l	99
23) Vinyl Acetate	6.157	43	1210582	825.666	ug/l	97
24) 1,1-Dichloroethane	6.110	63	297053	139.790	ug/l	99
25) 2-Butanone	7.081	43	231310	720.895	ug/l	96
26) 2,2-Dichloropropane	7.075	77	263555	140.863	ug/l	99
27) cis-1,2-Dichloroethene	7.075	96	187712	137.567	ug/l	99
28) Bromochloromethane	7.428	49	74886	128.743	ug/l	99
29) Tetrahydrofuran	7.446	42	133264	728.516	ug/l	100
30) Chloroform	7.599	83	293308	138.839	ug/l	94
31) Cyclohexane	7.881	56	266158	134.260	ug/l	95
32) 1,1,1-Trichloroethane	7.793	97	262356	142.912	ug/l	99
36) 1,1-Dichloropropene	8.010	75	234044	145.768	ug/l	99
37) Ethyl Acetate	7.169	43	94715	143.852	ug/l	99
38) Carbon Tetrachloride	7.993	117	215681	161.793	ug/l	95
39) Methylcyclohexane	9.275	83	291431	148.055	ug/l	99
40) Benzene	8.251	78	639711	140.280	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.404	41	62769	158.240	ug/l #	82
42) 1,2-Dichloroethane	8.328	62	177366	146.776	ug/l	99
43) Isopropyl Acetate	8.363	43	191227	151.960	ug/l	98
44) Trichloroethene	9.028	130	185705	145.769	ug/l	95
45) 1,2-Dichloropropane	9.304	63	159045	141.753	ug/l	97
46) Dibromomethane	9.393	93	86913	144.823	ug/l	98
47) Bromodichloromethane	9.587	83	218039	148.236	ug/l	97
48) Methyl methacrylate	9.381	41	93310	152.509	ug/l	96
49) 1,4-Dioxane	9.387	88	17843	3151.256	ug/l #	86
51) 4-Methyl-2-Pentanone	10.163	43	470705	772.870	ug/l	97
52) Toluene	10.334	92	407518	142.137	ug/l	99
53) t-1,3-Dichloropropene	10.557	75	214920	154.512	ug/l	96
54) cis-1,3-Dichloropropene	10.016	75	258248	151.370	ug/l	96
55) 1,1,2-Trichloroethane	10.734	97	114826	147.812	ug/l	96
56) Ethyl methacrylate	10.598	69	146260	152.213	ug/l	99
57) 1,3-Dichloropropane	10.881	76	198735	146.478	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	256106	797.196	ug/l	100
59) 2-Hexanone	10.922	43	348329	788.648	ug/l	98
60) Dibromochloromethane	11.075	129	143019	150.543	ug/l	100
61) 1,2-Dibromoethane	11.181	107	110323	146.894	ug/l	99
64) Tetrachloroethene	10.810	164	150483	143.917	ug/l	97
65) Chlorobenzene	11.610	112	421052	142.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.687	131	150392	150.574	ug/l	94
67) Ethyl Benzene	11.687	91	787707	146.371	ug/l	100
68) m/p-Xylenes	11.792	106	603851	291.189	ug/l	98
69) o-Xylene	12.122	106	284771	145.821	ug/l	96
70) Styrene	12.139	104	472212	144.518	ug/l	98
71) Bromoform	12.304	173	81835	155.544	ug/l #	96
73) Isopropylbenzene	12.422	105	750936	148.115	ug/l	99
74) N-amyl acetate	12.234	43	177075	158.905	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.675	83	119509	144.667	ug/l	98
76) 1,2,3-Trichloropropane	12.728	75	76425m	125.066	ug/l	
77) Bromobenzene	12.704	156	164965	143.257	ug/l	96
78) n-propylbenzene	12.763	91	922391	146.667	ug/l	99
79) 2-Chlorotoluene	12.851	91	506462	146.857	ug/l	98
80) 1,3,5-Trimethylbenzene	12.904	105	621956	149.263	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.475	75	39990	171.116	ug/l	96
82) 4-Chlorotoluene	12.951	91	513749	143.858	ug/l	99
83) tert-Butylbenzene	13.169	119	528254	145.594	ug/l	98
84) 1,2,4-Trimethylbenzene	13.216	105	611175	149.634	ug/l	98
85) sec-Butylbenzene	13.345	105	808102	147.303	ug/l	98
86) p-Isopropyltoluene	13.463	119	667733	148.098	ug/l	98
87) 1,3-Dichlorobenzene	13.463	146	320791	140.870	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	319535	144.237	ug/l	99
89) n-Butylbenzene	13.792	91	652667	149.202	ug/l	99
90) Hexachloroethane	14.057	117	122438	156.276	ug/l	98
91) 1,2-Dichlorobenzene	13.834	146	282438	145.498	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.451	75	20134	160.777	ug/l	98
93) 1,2,4-Trichlorobenzene	15.104	180	195353	155.215	ug/l	98
94) Hexachlorobutadiene	15.210	225	97208	156.485	ug/l	99
95) Naphthalene	15.333	128	376402	150.643	ug/l	99
96) 1,2,3-Trichlorobenzene	15.528	180	167709	153.786	ug/l	99

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

