

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD041323\
 Data File : VD075657.D
 Acq On : 13 Apr 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

Quant Time: Apr 13 14:08:55 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D041323S.M
 Quant Title : SW846 8260
 QLast Update : Thu Apr 13 14:07:05 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 04/14/2023
 Supervised By :Mahesh Dadoda 04/14/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	230083	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	386474	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	371643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.522	152	181925	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	300985	137.818	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 275.640%#			
35) Dibromofluoromethane	7.805	113	382554	147.169	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 294.340%#			
50) Toluene-d8	10.269	98	1487289	142.877	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 285.760%#			
62) 4-Bromofluorobenzene	12.575	95	424249	153.333	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 306.660%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	289956	135.629	ug/l	96
3) Chloromethane	2.146	50	484377	125.478	ug/l	97
4) Vinyl Chloride	2.281	62	664701	129.762	ug/l	98
5) Bromomethane	2.664	94	532566	133.156	ug/l	96
6) Chloroethane	2.822	64	447586	129.776	ug/l	96
7) Trichlorofluoromethane	3.164	101	527579	132.923	ug/l	100
8) Diethyl Ether	3.587	74	193360	156.526	ug/l	65
9) 1,1,2-Trichlorotrifluo...	3.958	101	338204	135.883	ug/l	94
10) Methyl Iodide	4.152	142	503745	147.886	ug/l	91
11) Tert butyl alcohol	5.058	59	84809	773.771	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	362756	140.762	ug/l	85
13) Acrolein	3.793	56	166546	753.317	ug/l	98
14) Allyl chloride	4.558	41	334266	142.422	ug/l #	80
15) Acrylonitrile	5.246	53	356073	771.735	ug/l	96
16) Acetone	4.017	43	286904	717.088	ug/l #	79
17) Carbon Disulfide	4.264	76	1125503	133.459	ug/l	98
18) Methyl Acetate	4.558	43	205801	152.535	ug/l #	71
19) Methyl tert-butyl Ether	5.316	73	808497	161.656	ug/l	95
20) Methylene Chloride	4.793	84	432201	148.765	ug/l #	72
21) trans-1,2-Dichloroethene	5.299	96	442899	144.303	ug/l #	73
22) Diisopropyl ether	6.211	45	779894	147.054	ug/l #	86
23) Vinyl Acetate	6.152	43	2062196	837.154	ug/l #	82
24) 1,1-Dichloroethane	6.105	63	608214	138.402	ug/l	94
25) 2-Butanone	7.075	43	399055	774.648	ug/l #	71
26) 2,2-Dichloropropane	7.075	77	537441	134.897	ug/l	89
27) cis-1,2-Dichloroethene	7.075	96	512041	150.602	ug/l	77
28) Bromochloromethane	7.422	49	187723	135.136	ug/l #	37
29) Tetrahydrofuran	7.440	42	226837	805.212	ug/l #	51
30) Chloroform	7.593	83	685162	137.529	ug/l	97
31) Cyclohexane	7.869	56	444172	129.606	ug/l #	79
32) 1,1,1-Trichloroethane	7.793	97	556136	136.903	ug/l	94
36) 1,1-Dichloropropene	8.005	75	491545	137.069	ug/l	91
37) Ethyl Acetate	7.163	43	165770	151.895	ug/l #	78
38) Carbon Tetrachloride	7.987	117	464660	147.140	ug/l	96
39) Methylcyclohexane	9.275	83	642938	155.045	ug/l #	86
40) Benzene	8.246	78	1599774	143.501	ug/l	98

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41) Methacrylonitrile	7.393	41	84267	160.903	ug/l #	64
42) 1,2-Dichloroethane	8.322	62	364128	143.800	ug/l	88
43) Isopropyl Acetate	8.357	43	315296	158.435	ug/l #	79
44) Trichloroethene	9.028	130	466547	147.872	ug/l	90
45) 1,2-Dichloropropane	9.304	63	358295	143.419	ug/l	93
46) Dibromomethane	9.393	93	238222	150.309	ug/l	92
47) Bromodichloromethane	9.581	83	529640	146.094	ug/l	98
48) Methyl methacrylate	9.381	41	150931	170.231	ug/l #	59
49) 1,4-Dioxane	9.387	88	51630	3283.454	ug/l #	70
51) 4-Methyl-2-Pentanone	10.157	43	839858	791.528	ug/l #	76
52) Toluene	10.334	92	1049405	141.563	ug/l	97
53) t-1,3-Dichloropropene	10.551	75	522816	150.439	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	623335	150.959	ug/l #	76
55) 1,1,2-Trichloroethane	10.734	97	327424	142.683	ug/l	94
56) Ethyl methacrylate	10.599	69	371378	164.448	ug/l #	65
57) 1,3-Dichloropropane	10.881	76	509776	146.327	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.869	63	818747	844.176	ug/l #	83
59) 2-Hexanone	10.922	43	596438	799.459	ug/l	70
60) Dibromochloromethane	11.075	129	395516	147.293	ug/l	99
61) 1,2-Dibromoethane	11.181	107	320944	146.614	ug/l	97
64) Tetrachloroethene	10.810	164	373205	139.436	ug/l	98
65) Chlorobenzene	11.610	112	1181620	148.441	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.681	131	415822	151.951	ug/l	95
67) Ethyl Benzene	11.687	91	1977127	153.043	ug/l	94
68) m/p-Xylenes	11.793	106	1627257	307.354	ug/l	88
69) o-Xylene	12.122	106	773553	161.582	ug/l	91
70) Styrene	12.134	104	1310277	148.105	ug/l	94
71) Bromoform	12.298	173	239176	167.195	ug/l #	97
73) Isopropylbenzene	12.422	105	1841472	154.231	ug/l	96
74) N-amyl acetate	12.234	43	293654	167.373	ug/l #	74
75) 1,1,2,2-Tetrachloroethane	12.675	83	344878	148.695	ug/l	98
76) 1,2,3-Trichloropropane	12.722	75	195707m	153.769	ug/l	
77) Bromobenzene	12.704	156	492652	160.050	ug/l	85
78) n-propylbenzene	12.763	91	2167084	148.072	ug/l	95
79) 2-Chlorotoluene	12.851	91	1209216	145.673	ug/l	90
80) 1,3,5-Trimethylbenzene	12.904	105	1512269	151.931	ug/l	93
81) trans-1,4-Dichloro-2-b...	12.469	75	108575	158.620	ug/l #	72
82) 4-Chlorotoluene	12.951	91	1236711	143.281	ug/l	90
83) tert-Butylbenzene	13.169	119	1304047	155.378	ug/l	93
84) 1,2,4-Trimethylbenzene	13.216	105	1542590	154.448	ug/l	93
85) sec-Butylbenzene	13.345	105	1931018	149.143	ug/l	96
86) p-Isopropyltoluene	13.463	119	1667209	154.676	ug/l	94
87) 1,3-Dichlorobenzene	13.463	146	961045	150.079	ug/l	96
88) 1,4-Dichlorobenzene	13.540	146	932272	147.363	ug/l	96
89) n-Butylbenzene	13.792	91	1487844	149.853	ug/l	96
90) Hexachloroethane	14.057	117	307770	143.711	ug/l	94
91) 1,2-Dichlorobenzene	13.834	146	834027	152.042	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.451	75	46577	149.802	ug/l	63
93) 1,2,4-Trichlorobenzene	15.104	180	519417	162.759	ug/l	98
94) Hexachlorobutadiene	15.204	225	227869	149.389	ug/l	96
95) Naphthalene	15.334	128	1088717	180.073	ug/l	100
96) 1,2,3-Trichlorobenzene	15.528	180	459310	163.518	ug/l	99

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

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