

Data Path : Z:\voasrv\HPCHEM1\MSVOA_D\Data\VD051523\
 Data File : VD076115.D
 Acq On : 15 May 2023 14:19
 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: May 16 10:06:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_D\Method\82D051523S.M
 Quant Title : SW846 8260
 QLast Update : Tue May 16 09:59:58 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/19/2023
 Supervised By :Mahesh Dadoda 05/19/2023

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

Internal Standards						
1) Pentafluorobenzene	7.875	168	279070	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.775	114	424155	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.581	117	376781	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.516	152	194098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.228	65	350463	129.939	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 259.880%#			
35) Dibromofluoromethane	7.804	113	402415	137.257	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 274.520%#			
50) Toluene-d8	10.269	98	1649559	144.330	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 288.660%#			
62) 4-Bromofluorobenzene	12.575	95	490129	154.380	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 308.760%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.928	85	345760	137.376	ug/l	98
3) Chloromethane	2.146	50	577850	148.546	ug/l	99
4) Vinyl Chloride	2.281	62	728928	134.288	ug/l	99
5) Bromomethane	2.664	94	461447	126.270	ug/l	97
6) Chloroethane	2.822	64	475385	130.176	ug/l	97
7) Trichlorofluoromethane	3.164	101	617529	134.221	ug/l	100
8) Diethyl Ether	3.587	74	221252	146.232	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.958	101	413441	136.424	ug/l	95
10) Methyl Iodide	4.158	142	504063	159.967	ug/l #	88
11) Tert butyl alcohol	5.058	59	106932	749.486	ug/l #	100
12) 1,1-Dichloroethene	3.934	96	424339	140.688	ug/l	90
13) Acrolein	3.793	56	260175	745.095	ug/l	98
14) Allyl chloride	4.558	41	456018	148.973	ug/l #	80
15) Acrylonitrile	5.252	53	466036	743.913	ug/l	96
16) Acetone	4.022	43	350854	653.810	ug/l #	80
17) Carbon Disulfide	4.263	76	1172379	149.149	ug/l	99
18) Methyl Acetate	4.558	43	274266	143.276	ug/l #	80
19) Methyl tert-butyl Ether	5.316	73	909500	154.061	ug/l	98
20) Methylene Chloride	4.799	84	507963	150.611	ug/l #	79
21) trans-1,2-Dichloroethene	5.305	96	478391	137.620	ug/l #	81
22) Diisopropyl ether	6.216	45	1082747	152.388	ug/l #	89
23) Vinyl Acetate	6.152	43	2364508m	842.095	ug/l	
24) 1,1-Dichloroethane	6.110	63	774749	138.261	ug/l	98
25) 2-Butanone	7.075	43	504848	748.210	ug/l #	80
26) 2,2-Dichloropropane	7.075	77	644333	141.019	ug/l	92
27) cis-1,2-Dichloroethene	7.075	96	554501	143.746	ug/l	85
28) Bromochloromethane	7.422	49	248887	133.206	ug/l #	66
29) Tetrahydrofuran	7.440	42	312297	794.084	ug/l #	69
30) Chloroform	7.593	83	794867	132.647	ug/l	97
31) Cyclohexane	7.875	56	610680	147.838	ug/l	92
32) 1,1,1-Trichloroethane	7.793	97	651683	136.464	ug/l	97
36) 1,1-Dichloropropene	8.004	75	601349	151.871	ug/l	94
37) Ethyl Acetate	7.169	43	217117	158.349	ug/l #	82
38) Carbon Tetrachloride	7.987	117	532141	148.786	ug/l	97
39) Methylcyclohexane	9.269	83	753789	165.351	ug/l	94
40) Benzene	8.246	78	1850578	145.369	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.399	41	122654	163.143	ug/l #	73
42) 1,2-Dichloroethane	8.322	62	425028	141.156	ug/l	92
43) Isopropyl Acetate	8.357	43	415684	162.294	ug/l #	86
44) Trichloroethene	9.028	130	513371	143.094	ug/l	92
45) 1,2-Dichloropropane	9.304	63	453013	144.270	ug/l	97
46) Dibromomethane	9.393	93	244889	139.136	ug/l	91
47) Bromodichloromethane	9.581	83	601589	142.217	ug/l	95
48) Methyl methacrylate	9.381	41	192974	170.231	ug/l #	61
49) 1,4-Dioxane	9.387	88	60574	3218.348	ug/l #	77
51) 4-Methyl-2-Pentanone	10.157	43	1109587	814.538	ug/l #	81
52) Toluene	10.334	92	1191030	149.800	ug/l	96
53) t-1,3-Dichloropropene	10.551	75	584996	153.443	ug/l	98
54) cis-1,3-Dichloropropene	10.016	75	718382	154.402	ug/l #	78
55) 1,1,2-Trichloroethane	10.734	97	351113	139.110	ug/l	93
56) Ethyl methacrylate	10.598	69	430710	169.774	ug/l #	69
57) 1,3-Dichloropropane	10.881	76	577317	145.793	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.869	63	1010857	830.444	ug/l	93
59) 2-Hexanone	10.922	43	785256	817.396	ug/l	76
60) Dibromochloromethane	11.075	129	407968	143.752	ug/l	100
61) 1,2-Dibromoethane	11.181	107	319020	142.088	ug/l	97
64) Tetrachloroethene	10.810	164	414889	143.197	ug/l	94
65) Chlorobenzene	11.604	112	1264986	147.474	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.681	131	432854	146.636	ug/l	95
67) Ethyl Benzene	11.681	91	2281556	166.459	ug/l	99
68) m/p-Xylenes	11.792	106	1799783	321.284	ug/l	94
69) o-Xylene	12.122	106	851687	166.623	ug/l	94
70) Styrene	12.134	104	1444481	162.995	ug/l	96
71) Bromoform	12.298	173	240644	144.931	ug/l #	98
73) Isopropylbenzene	12.422	105	2144385	167.010	ug/l	98
74) N-amyl acetate	12.234	43	405098	177.129	ug/l #	80
75) 1,1,2,2-Tetrachloroethane	12.675	83	402564	145.878	ug/l	97
76) 1,2,3-Trichloropropane	12.722	75	228112m	139.114	ug/l	
77) Bromobenzene	12.698	156	512453	148.906	ug/l	95
78) n-propylbenzene	12.763	91	2638953	165.121	ug/l	98
79) 2-Chlorotoluene	12.851	91	1418486	160.367	ug/l	95
80) 1,3,5-Trimethylbenzene	12.904	105	1756575	165.028	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.469	75	131524	162.445	ug/l #	72
82) 4-Chlorotoluene	12.945	91	1488416	158.200	ug/l	96
83) tert-Butylbenzene	13.169	119	1507465	167.579	ug/l	95
84) 1,2,4-Trimethylbenzene	13.210	105	1752983	165.371	ug/l	96
85) sec-Butylbenzene	13.345	105	2342713	167.107	ug/l	98
86) p-Isopropyltoluene	13.463	119	1922787	167.620	ug/l	96
87) 1,3-Dichlorobenzene	13.457	146	1021567	146.816	ug/l	98
88) 1,4-Dichlorobenzene	13.539	146	1005057	145.876	ug/l	98
89) n-Butylbenzene	13.786	91	1858755	171.945	ug/l	98
90) Hexachloroethane	14.051	117	351954	149.161	ug/l	93
91) 1,2-Dichlorobenzene	13.834	146	892678	146.190	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.445	75	51925	144.916	ug/l	79
93) 1,2,4-Trichlorobenzene	15.098	180	579121	163.045	ug/l	96
94) Hexachlorobutadiene	15.204	225	282481	155.980	ug/l	97
95) Naphthalene	15.333	128	1145890	173.628	ug/l	100
96) 1,2,3-Trichlorobenzene	15.522	180	510060	157.898	ug/l	98

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

