

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062323\
 Data File : VY014402.D
 Acq On : 23 Jun 2023 12:13
 Operator : KP/MD
 Sample : VSTDICC150
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDICC150

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/26/2023
 Supervised By :Mahesh Dadoda 06/26/2023

Quant Time: Jun 23 13:05:04 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y062323S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 23 12:54:32 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.795	168	285322	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	427940	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.495	117	393992	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	206405	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	516252	145.730	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 291.460%#			
35) Dibromofluoromethane	7.722	113	399903	151.255	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 302.500%#			
50) Toluene-d8	10.185	98	1556855	148.133	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 296.260%#			
62) 4-Bromofluorobenzene	12.483	95	553962	147.642	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 295.280%#			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	350264	132.249	ug/l	97
3) Chloromethane	2.113	50	369714	142.645	ug/l	100
4) Vinyl Chloride	2.253	62	401688	142.197	ug/l	98
5) Bromomethane	2.619	94	336263	135.478	ug/l	99
6) Chloroethane	2.777	64	266988	142.686	ug/l	97
7) Trichlorofluoromethane	3.119	101	793250	142.229	ug/l	100
8) Diethyl Ether	3.527	74	252808	148.671	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	386645	146.683	ug/l	97
10) Methyl Iodide	4.094	142	544073	150.078	ug/l	97
11) Tert butyl alcohol	4.966	59	369300	757.333	ug/l #	82
12) 1,1-Dichloroethene	3.869	96	390659	148.622	ug/l	97
13) Acrolein	3.729	56	365089	761.977	ug/l	99
14) Allyl chloride	4.478	41	669539	159.488	ug/l	96
15) Acrylonitrile	5.167	53	756013	795.097	ug/l	100
16) Acetone	3.954	43	859004	770.606	ug/l	98
17) Carbon Disulfide	4.192	76	1217541	149.680	ug/l	99
18) Methyl Acetate	4.478	43	593746	154.938	ug/l	96
19) Methyl tert-butyl Ether	5.228	73	1284622	158.894	ug/l	98
20) Methylene Chloride	4.716	84	446756	149.875	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	439092	151.925	ug/l	99
22) Diisopropyl ether	6.124	45	1339101	160.513	ug/l	94
23) Vinyl Acetate	6.063	43	3597400m	816.511	ug/l	
24) 1,1-Dichloroethane	6.021	63	746002	150.586	ug/l	98
25) 2-Butanone	6.990	43	1108967	798.734	ug/l	99
26) 2,2-Dichloropropane	6.984	77	750202	143.216	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	491436	151.049	ug/l	98
28) Bromochloromethane	7.338	49	321086	148.616	ug/l	90
29) Tetrahydrofuran	7.350	42	691277	834.999	ug/l	94
30) Chloroform	7.508	83	827218	148.025	ug/l	98
31) Cyclohexane	7.789	56	650134	148.580	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	793614	149.193	ug/l	98
36) 1,1-Dichloropropene	7.923	75	615384	151.041	ug/l	99
37) Ethyl Acetate	7.075	43	449232	159.992	ug/l	98
38) Carbon Tetrachloride	7.905	117	746079	145.517	ug/l	99
39) Methylcyclohexane	9.191	83	736080	157.031	ug/l	97
40) Benzene	8.167	78	1740760	150.852	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.319	41	201240m	143.679	ug/l	
42) 1,2-Dichloroethane	8.240	62	641841	146.704	ug/l	100
43) Isopropyl Acetate	8.277	43	819785	165.347	ug/l	99
44) Trichloroethene	8.941	130	485803	146.632	ug/l	99
45) 1,2-Dichloropropane	9.221	63	415689	152.780	ug/l	98
46) Dibromomethane	9.313	93	281751	151.533	ug/l	97
47) Bromodichloromethane	9.502	83	649256	149.815	ug/l	96
48) Methyl methacrylate	9.295	41	383458	166.524	ug/l	98
49) 1,4-Dioxane	9.307	88	96596	3322.564	ug/l #	64
51) 4-Methyl-2-Pentanone	10.075	43	2312342	826.356	ug/l	98
52) Toluene	10.246	92	1130712	152.289	ug/l	97
53) t-1,3-Dichloropropene	10.471	75	732408	155.881	ug/l	99
54) cis-1,3-Dichloropropene	9.935	75	755273	155.844	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	381458	153.210	ug/l	96
56) Ethyl methacrylate	10.514	69	595957	167.604	ug/l	97
57) 1,3-Dichloropropane	10.794	76	644734	153.955	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	1371701	823.552	ug/l	96
59) 2-Hexanone	10.837	43	1764701	836.921	ug/l	98
60) Dibromochloromethane	10.989	129	501193	151.748	ug/l	100
61) 1,2-Dibromoethane	11.093	107	383128	154.552	ug/l	100
64) Tetrachloroethene	10.721	164	470496	140.332	ug/l	97
65) Chlorobenzene	11.520	112	1214664	150.065	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	487703	149.579	ug/l	99
67) Ethyl Benzene	11.599	91	2248279	155.984	ug/l	99
68) m/p-Xylenes	11.703	106	1731739	307.613	ug/l	98
69) o-Xylene	12.032	106	828306	154.628	ug/l	100
70) Styrene	12.050	104	1421436	154.821	ug/l	99
71) Bromoform	12.209	173	371618	154.215	ug/l #	99
73) Isopropylbenzene	12.331	105	2194336	157.884	ug/l	100
74) N-amyl acetate	12.148	43	766782	174.206	ug/l	98
75) 1,1,2,2-Tetrachloroethane	12.587	83	479982	161.598	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	438810m	169.082	ug/l	
77) Bromobenzene	12.611	156	547900	151.618	ug/l	98
78) n-propylbenzene	12.672	91	2638297	157.344	ug/l	99
79) 2-Chlorotoluene	12.757	91	1501585	156.805	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	1850795	153.939	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	189950	167.023	ug/l	98
82) 4-Chlorotoluene	12.855	91	1576370	154.525	ug/l	99
83) tert-Butylbenzene	13.074	119	1621670	157.335	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	1853646	155.592	ug/l	100
85) sec-Butylbenzene	13.257	105	2331012	156.389	ug/l	100
86) p-Isopropyltoluene	13.373	119	1996582	154.712	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	1059796	152.048	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	1050276	149.883	ug/l	100
89) n-Butylbenzene	13.696	91	1866036	158.255	ug/l	98
90) Hexachloroethane	13.965	117	378199	154.047	ug/l	94
91) 1,2-Dichlorobenzene	13.739	146	957584	150.489	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	105351	160.481	ug/l	96
93) 1,2,4-Trichlorobenzene	15.007	180	671249	162.370	ug/l	99
94) Hexachlorobutadiene	15.117	225	371503	149.601	ug/l	98
95) Naphthalene	15.239	128	1557410	175.223	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	616525	163.783	ug/l	99

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

