

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011623\
 Data File : VY012201.D
 Acq On : 16 Jan 2023 15:21
 Operator : KP/MD
 Sample : VSTDICV050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 ICVVY011623

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/17/2023
 Supervised By :Mahesh Dadoda 01/17/2023

Quant Time: Jan 16 17:31:27 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Mon Jan 16 14:54:53 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	216305	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	328603	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	299858	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	152120	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	84654	46.978	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.960%		
35) Dibromofluoromethane	7.716	113	80172	46.077	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.160%		
50) Toluene-d8	10.179	98	291922	48.273	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	96.540%		
62) 4-Bromofluorobenzene	12.483	95	110178	44.919	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	89.840%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	85653	45.312	ug/l	98
3) Chloromethane	2.113	50	84630	48.497	ug/l	100
4) Vinyl Chloride	2.253	62	97140	47.692	ug/l	99
5) Bromomethane	2.650	94	77703	49.343	ug/l	95
6) Chloroethane	2.796	64	63518	47.816	ug/l	98
7) Trichlorofluoromethane	3.125	101	183805	46.237	ug/l	99
8) Diethyl Ether	3.527	74	56332	47.622	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.899	101	94826	49.012	ug/l	96
10) Methyl Iodide	4.094	142	125295	42.614	ug/l	96
11) Tert butyl alcohol	4.948	59	50188	235.151	ug/l	99
12) 1,1-Dichloroethene	3.875	96	97427	49.041	ug/l	99
13) Acrolein	3.729	56	17145	169.677	ug/l	98
14) Allyl chloride	4.485	41	127247	51.802	ug/l #	89
15) Acrylonitrile	5.161	53	131152	253.831	ug/l	100
16) Acetone	3.942	43	155900	258.836	ug/l	97
17) Carbon Disulfide	4.198	76	301549	49.073	ug/l	100
18) Methyl Acetate	4.478	43	67457	50.051	ug/l #	90
19) Methyl tert-butyl Ether	5.222	73	272026	49.120	ug/l	95
20) Methylene Chloride	4.716	84	126255	50.066	ug/l	89
21) trans-1,2-Dichloroethene	5.216	96	109342	49.322	ug/l	91
22) Diisopropyl ether	6.118	45	252934	51.649	ug/l #	93
23) Vinyl Acetate	6.057	43	797164	261.229	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	170311	50.139	ug/l	99
25) 2-Butanone	6.984	43	171393	257.755	ug/l	94
26) 2,2-Dichloropropane	6.984	77	176514	47.870	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	118726	48.756	ug/l	95
28) Bromochloromethane	7.332	49	35409	47.732	ug/l #	79
29) Tetrahydrofuran	7.350	42	95941	262.673	ug/l #	86
30) Chloroform	7.502	83	192807	48.085	ug/l	97
31) Cyclohexane	7.783	56	150989	47.876	ug/l	91
32) 1,1,1-Trichloroethane	7.697	97	191163	48.157	ug/l	98
36) 1,1-Dichloropropene	7.917	75	145114	49.073	ug/l	98
37) Ethyl Acetate	7.069	43	65145	49.973	ug/l #	95
38) Carbon Tetrachloride	7.899	117	180637	47.298	ug/l	99
39) Methylcyclohexane	9.185	83	184773	51.131	ug/l	94
40) Benzene	8.161	78	416552	48.806	ug/l	98

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41) Methacrylonitrile	7.313	41	36022m	39.088	ug/l	
42) 1,2-Dichloroethane	8.234	62	129058	47.498	ug/l	99
43) Isopropyl Acetate	8.270	43	125793	51.866	ug/l #	96
44) Trichloroethene	8.941	130	123908	48.572	ug/l	97
45) 1,2-Dichloropropane	9.215	63	90190	50.643	ug/l	100
46) Dibromomethane	9.307	93	58454	49.029	ug/l	96
47) Bromodichloromethane	9.496	83	148143	49.362	ug/l	99
48) Methyl methacrylate	9.295	41	57741	51.670	ug/l	91
49) 1,4-Dioxane	9.295	88	15364	945.728	ug/l	93
51) 4-Methyl-2-Pentanone	10.069	43	338592	261.813	ug/l	96
52) Toluene	10.246	92	277243	48.787	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	155374	49.495	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	168268	49.773	ug/l	98
55) 1,1,2-Trichloroethane	10.642	97	83848	49.500	ug/l	99
56) Ethyl methacrylate	10.508	69	113265	50.968	ug/l	96
57) 1,3-Dichloropropane	10.788	76	138713	50.143	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	179333	243.884	ug/l	92
59) 2-Hexanone	10.831	43	262402	266.500	ug/l	97
60) Dibromochloromethane	10.983	129	109437	48.711	ug/l	100
61) 1,2-Dibromoethane	11.087	107	81193	49.674	ug/l	100
64) Tetrachloroethene	10.721	164	132743	48.514	ug/l	98
65) Chlorobenzene	11.520	112	298202	48.605	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.593	131	111694	48.232	ug/l	98
67) Ethyl Benzene	11.593	91	544154	49.627	ug/l	100
68) m/p-Xylenes	11.703	106	427541	98.617	ug/l	99
69) o-Xylene	12.032	106	202399	48.878	ug/l	98
70) Styrene	12.044	104	340188	49.169	ug/l	100
71) Bromoform	12.209	173	72390	48.927	ug/l #	99
73) Isopropylbenzene	12.331	105	546764	49.845	ug/l	99
74) N-amyl acetate	12.142	43	112607	52.369	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	88544	51.247	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	62061m	34.629	ug/l	
77) Bromobenzene	12.611	156	127976	48.485	ug/l	94
78) n-propylbenzene	12.672	91	636818	49.612	ug/l	99
79) 2-Chlorotoluene	12.757	91	359521	49.538	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	470393	49.330	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.379	75	34474	50.780	ug/l	98
82) 4-Chlorotoluene	12.855	91	373651	49.014	ug/l	99
83) tert-Butylbenzene	13.074	119	415947	50.048	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	465404	49.490	ug/l	99
85) sec-Butylbenzene	13.251	105	587183	49.623	ug/l	98
86) p-Isopropyltoluene	13.373	119	514435	49.759	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	254156	48.414	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	252556	48.240	ug/l	99
89) n-Butylbenzene	13.696	91	452372	50.492	ug/l	99
90) Hexachloroethane	13.958	117	91082	48.802	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	222981	47.603	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17233	48.263	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	148260	49.397	ug/l	99
94) Hexachlorobutadiene	15.111	225	89257	49.393	ug/l	99
95) Naphthalene	15.239	128	294228	49.666	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	125958	48.769	ug/l	98

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

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