

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010923\
 Data File : VY012105.D
 Acq On : 09 Jan 2023 12:58
 Operator : KP/MD
 Sample : VY0109SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0109SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/10/2023
 Supervised By :Mahesh Dadoda 01/10/2023

Quant Time: Jan 10 01:44:54 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010623S.M
 Quant Title : SW846 8260
 QLast Update : Sat Jan 07 01:46:48 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	150933	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	227357	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	209528	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	112462	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	78964	46.560	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	93.120%		
35) Dibromofluoromethane	7.716	113	70774	47.360	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	94.720%		
50) Toluene-d8	10.179	98	275042	46.630	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.260%		
62) 4-Bromofluorobenzene	12.483	95	100002	48.504	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	97.000%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	31115	23.941	ug/l	95
3) Chloromethane	2.113	50	27288	23.157	ug/l	96
4) Vinyl Chloride	2.253	62	32491	22.149	ug/l	98
5) Bromomethane	2.649	94	26098	25.087	ug/l	96
6) Chloroethane	2.796	64	21748	22.377	ug/l	99
7) Trichlorofluoromethane	3.125	101	65470	22.403	ug/l	99
8) Diethyl Ether	3.533	74	18034	20.156	ug/l	83
9) 1,1,2-Trichlorotrifluo...	3.899	101	31540	20.962	ug/l	94
10) Methyl Iodide	4.094	142	40677	19.942	ug/l	93
11) Tert butyl alcohol	4.954	59	23373	97.853	ug/l #	85
12) 1,1-Dichloroethene	3.875	96	32190	21.822	ug/l	99
13) Acrolein	3.735	56	11023	105.933	ug/l	97
14) Allyl chloride	4.478	41	40166	20.199	ug/l #	86
15) Acrylonitrile	5.161	53	39202	93.255	ug/l	99
16) Acetone	3.948	43	37223	93.301	ug/l	99
17) Carbon Disulfide	4.198	76	96751	24.823	ug/l #	95
18) Methyl Acetate	4.478	43	19241	16.766	ug/l #	86
19) Methyl tert-butyl Ether	5.222	73	86168	19.846	ug/l	95
20) Methylene Chloride	4.716	84	54324	29.820	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	35983	22.044	ug/l	91
22) Diisopropyl ether	6.118	45	82925	20.271	ug/l #	90
23) Vinyl Acetate	6.063	43	243451	98.347	ug/l #	93
24) 1,1-Dichloroethane	6.021	63	56458	20.749	ug/l	98
25) 2-Butanone	6.984	43	48045	91.276	ug/l	93
26) 2,2-Dichloropropane	6.984	77	61821	21.060	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	39296	21.078	ug/l	96
28) Bromochloromethane	7.338	49	13410	19.494	ug/l #	77
29) Tetrahydrofuran	7.350	42	27778	90.409	ug/l	87
30) Chloroform	7.508	83	66010	21.282	ug/l	96
31) Cyclohexane	7.783	56	51306	21.986	ug/l	90
32) 1,1,1-Trichloroethane	7.703	97	66001	21.908	ug/l	99
36) 1,1-Dichloropropene	7.917	75	49015	21.619	ug/l	98
37) Ethyl Acetate	7.075	43	20759	17.100	ug/l #	95
38) Carbon Tetrachloride	7.898	117	63719	22.143	ug/l	97
39) Methylcyclohexane	9.185	83	59718	22.050	ug/l	93
40) Benzene	8.161	78	140732	21.302	ug/l	98

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41) Methacrylonitrile	7.325	41	11719m	17.750	ug/l	
42) 1,2-Dichloroethane	8.240	62	44507	21.279	ug/l	99
43) Isopropyl Acetate	8.270	43	37510	18.438	ug/l	94
44) Trichloroethene	8.941	130	40336	20.910	ug/l	95
45) 1,2-Dichloropropane	9.215	63	30042	20.409	ug/l	94
46) Dibromomethane	9.307	93	18867	20.360	ug/l	97
47) Bromodichloromethane	9.496	83	49527	21.019	ug/l	100
48) Methyl methacrylate	9.295	41	16175	17.750	ug/l	85
49) 1,4-Dioxane	9.295	88	4645	361.979	ug/l	92
51) 4-Methyl-2-Pentanone	10.069	43	98081	90.605	ug/l	97
52) Toluene	10.246	92	95289	21.790	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	50323	20.530	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	55021	20.748	ug/l	97
55) 1,1,2-Trichloroethane	10.648	97	27120	20.263	ug/l	97
56) Ethyl methacrylate	10.514	69	33701	19.222	ug/l	95
57) 1,3-Dichloropropane	10.794	76	44622	20.202	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	62207	97.001	ug/l	91
59) 2-Hexanone	10.831	43	70262	92.436	ug/l	97
60) Dibromochloromethane	10.983	129	36233	20.532	ug/l	99
61) 1,2-Dibromoethane	11.093	107	25451	19.868	ug/l	99
64) Tetrachloroethene	10.721	164	43340	21.115	ug/l	98
65) Chlorobenzene	11.520	112	98870	20.661	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	38663	20.927	ug/l	97
67) Ethyl Benzene	11.593	91	179644	21.003	ug/l	99
68) m/p-Xylenes	11.703	106	144206	42.986	ug/l	98
69) o-Xylene	12.032	106	67445	21.115	ug/l	97
70) Styrene	12.044	104	113932	20.998	ug/l	99
71) Bromoform	12.209	173	22681	19.322	ug/l #	98
73) Isopropylbenzene	12.331	105	184387	20.720	ug/l	99
74) N-amyl acetate	12.148	43	32423	17.649	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	27644	18.467	ug/l	99
76) 1,2,3-Trichloropropane	12.635	75	24778m	19.296	ug/l	
77) Bromobenzene	12.611	156	42984	20.252	ug/l	92
78) n-propylbenzene	12.672	91	217637	20.950	ug/l	99
79) 2-Chlorotoluene	12.757	91	121363	20.423	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	161663	21.181	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	10457	18.085	ug/l	97
82) 4-Chlorotoluene	12.855	91	125349	20.168	ug/l	97
83) tert-Butylbenzene	13.074	119	140599	21.024	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	158478	20.976	ug/l	99
85) sec-Butylbenzene	13.257	105	197378	20.534	ug/l	97
86) p-Isopropyltoluene	13.373	119	173380	20.820	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	86544	20.342	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	85298	20.070	ug/l	99
89) n-Butylbenzene	13.696	91	148456	20.572	ug/l	98
90) Hexachloroethane	13.964	117	31706	20.523	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	75471	19.912	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	5254	17.660	ug/l	97
93) 1,2,4-Trichlorobenzene	15.007	180	45390	19.208	ug/l	97
94) Hexachlorobutadiene	15.111	225	29450	20.656	ug/l	99
95) Naphthalene	15.239	128	80948	17.310	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	38973	18.970	ug/l	97

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

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