

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010523\
 Data File : VY012077.D
 Acq On : 05 Jan 2023 16:03
 Operator : KP/MD
 Sample : VY0105SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0105SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/06/2023
 Supervised By :Mahesh Dadoda 01/06/2023

Quant Time: Jan 05 23:19:11 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y122022S.M
 Quant Title : SW846 8260
 QLast Update : Tue Dec 20 12:37:37 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	186512	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	280565	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	257179	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135797	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.137	65	94944	50.527	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 101.060%			
35) Dibromofluoromethane	7.716	113	85157	50.416	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.840%			
50) Toluene-d8	10.179	98	332089	48.459	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 96.920%			
62) 4-Bromofluorobenzene	12.477	95	118191	51.280	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 102.560%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	37129	26.195	ug/l	98
3) Chloromethane	2.113	50	34290	20.657	ug/l	97
4) Vinyl Chloride	2.247	62	39382	21.513	ug/l	99
5) Bromomethane	2.638	94	29100	22.344	ug/l	96
6) Chloroethane	2.790	64	25300	21.144	ug/l	96
7) Trichlorofluoromethane	3.119	101	75922	23.692	ug/l	100
8) Diethyl Ether	3.528	74	22360	22.614	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.893	101	37671	21.354	ug/l	96
10) Methyl Iodide	4.082	142	51666	21.168	ug/l	96
11) Tert butyl alcohol	4.936	59	35140	181.040	ug/l #	74
12) 1,1-Dichloroethene	3.869	96	38477	21.805	ug/l	96
13) Acrolein	3.729	56	15714	89.460	ug/l	99
14) Allyl chloride	4.473	41	50145	19.297	ug/l	90
15) Acrylonitrile	5.162	53	49276	107.132	ug/l	100
16) Acetone	3.936	43	43661	81.183	ug/l	99
17) Carbon Disulfide	4.186	76	117862	20.939	ug/l	98
18) Methyl Acetate	4.473	43	25555	19.682	ug/l	90
19) Methyl tert-butyl Ether	5.216	73	104581	23.098	ug/l	97
20) Methylene Chloride	4.710	84	49278	19.064	ug/l	87
21) trans-1,2-Dichloroethene	5.210	96	42589	21.241	ug/l	89
22) Diisopropyl ether	6.119	45	103741	20.270	ug/l	97
23) Vinyl Acetate	6.058	43	308174	104.658	ug/l	96
24) 1,1-Dichloroethane	6.009	63	68114	20.475	ug/l	98
25) 2-Butanone	6.978	43	60471	96.610	ug/l	96
26) 2,2-Dichloropropane	6.978	77	71328	21.911	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	46768	21.566	ug/l	97
28) Bromochloromethane	7.326	49	15702	17.200	ug/l #	79
29) Tetrahydrofuran	7.344	42	36212	102.110	ug/l	89
30) Chloroform	7.503	83	76397	21.306	ug/l	98
31) Cyclohexane	7.783	56	62063	19.620	ug/l	86
32) 1,1,1-Trichloroethane	7.698	97	75248	22.063	ug/l	99
36) 1,1-Dichloropropene	7.911	75	58258	21.503	ug/l	98
37) Ethyl Acetate	7.070	43	27959	23.001	ug/l	96
38) Carbon Tetrachloride	7.899	117	71955	22.996	ug/l	98
39) Methylcyclohexane	9.179	83	70389	21.591	ug/l	96
40) Benzene	8.155	78	167952	21.661	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	10507m	17.875	ug/l	
42) 1,2-Dichloroethane	8.228	62	52487	23.515	ug/l	99
43) Isopropyl Acetate	8.271	43	48028	21.634	ug/l	96
44) Trichloroethene	8.935	130	49136	22.483	ug/l	93
45) 1,2-Dichloropropane	9.216	63	36698	20.485	ug/l	99
46) Dibromomethane	9.301	93	22622	21.922	ug/l	95
47) Bromodichloromethane	9.490	83	57624	22.011	ug/l	99
48) Methyl methacrylate	9.289	41	21397	20.816	ug/l	93
49) 1,4-Dioxane	9.295	88	5879	477.176	ug/l	95
51) 4-Methyl-2-Pentanone	10.063	43	126381	106.762	ug/l	96
52) Toluene	10.240	92	110476	22.364	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	59543	22.509	ug/l	99
54) cis-1,3-Dichloropropene	9.923	75	65804	22.130	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	33575	22.928	ug/l	95
56) Ethyl methacrylate	10.508	69	42576	22.964	ug/l	94
57) 1,3-Dichloropropane	10.789	76	54445	22.279	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.777	63	77192	107.896	ug/l	93
59) 2-Hexanone	10.831	43	88478	101.598	ug/l	97
60) Dibromochloromethane	10.978	129	43257	23.449	ug/l	97
61) 1,2-Dibromoethane	11.087	107	31255	22.814	ug/l	99
64) Tetrachloroethene	10.715	164	51279	22.779	ug/l	98
65) Chlorobenzene	11.514	112	117254	21.958	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	44119	22.206	ug/l	97
67) Ethyl Benzene	11.587	91	209309	21.684	ug/l	99
68) m/p-Xylenes	11.697	106	169318	45.104	ug/l	98
69) o-Xylene	12.026	106	78289	22.414	ug/l	99
70) Styrene	12.038	104	133267	22.724	ug/l	99
71) Bromoform	12.203	173	27722	23.548	ug/l #	100
73) Isopropylbenzene	12.325	105	212115	21.050	ug/l	99
74) N-amyl acetate	12.142	43	41544	20.109	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	34039	20.248	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	30512m	18.057	ug/l	
77) Bromobenzene	12.605	156	49823	21.371	ug/l	95
78) n-propylbenzene	12.666	91	249872	20.629	ug/l	99
79) 2-Chlorotoluene	12.752	91	141121	20.727	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	183973	21.324	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.374	75	13489	21.861	ug/l	97
82) 4-Chlorotoluene	12.849	91	148558	21.088	ug/l	98
83) tert-Butylbenzene	13.075	119	159060	21.754	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	182177	21.464	ug/l	99
85) sec-Butylbenzene	13.252	105	228705	20.947	ug/l	98
86) p-Isopropyltoluene	13.367	119	199299	21.633	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	100453	21.425	ug/l	100
88) 1,4-Dichlorobenzene	13.441	146	100004	21.455	ug/l	100
89) n-Butylbenzene	13.690	91	173269	20.776	ug/l	98
90) Hexachloroethane	13.959	117	36641	20.844	ug/l	95
91) 1,2-Dichlorobenzene	13.733	146	88951	21.762	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6553	22.682	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	53990	22.454	ug/l	100
94) Hexachlorobutadiene	15.111	225	34703	22.336	ug/l	98
95) Naphthalene	15.233	128	102683	22.169	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	45608	22.435	ug/l	98

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

