

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY040323\
 Data File : VY013168.D
 Acq On : 03 Apr 2023 12:08
 Operator : KP/MD
 Sample : VY0403SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0403SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 04/04/2023
 Supervised By :Mahesh Dadoda 04/04/2023

Quant Time: Apr 03 23:06:42 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y033023S.M
 Quant Title : SW846 8260
 QLast Update : Mon Apr 03 13:40:57 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	133638	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	196076	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	177376	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	92979	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	69412	48.331	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.660%		
35) Dibromofluoromethane	7.716	113	64411	50.286	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.580%		
50) Toluene-d8	10.179	98	244805	50.626	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	101.260%		
62) 4-Bromofluorobenzene	12.483	95	83121	52.809	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	105.620%		
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	25404	19.392	ug/l	99
3) Chloromethane	2.113	50	20748	15.187	ug/l	96
4) Vinyl Chloride	2.253	62	21486	15.686	ug/l	99
5) Bromomethane	2.644	94	16378	16.943	ug/l	84
6) Chloroethane	2.790	64	14224	16.578	ug/l	96
7) Trichlorofluoromethane	3.125	101	48757	20.001	ug/l	98
8) Diethyl Ether	3.527	74	14967	19.552	ug/l	93
9) 1,1,2-Trichlorotrifluo...	3.899	101	25901	19.272	ug/l	96
10) Methyl Iodide	4.094	142	32471	18.553	ug/l	98
11) Tert butyl alcohol	4.960	59	13301	102.756	ug/l	99
12) 1,1-Dichloroethene	3.875	96	24345	18.738	ug/l	96
13) Acrolein	3.723	56	16675	91.797	ug/l	100
14) Allyl chloride	4.479	41	37777	17.065	ug/l	92
15) Acrylonitrile	5.161	53	36656	96.364	ug/l	97
16) Acetone	3.942	43	37948	86.410	ug/l	98
17) Carbon Disulfide	4.192	76	71352	16.491	ug/l	98
18) Methyl Acetate	4.472	43	26396	19.075	ug/l	95
19) Methyl tert-butyl Ether	5.222	73	65915	20.021	ug/l	98
20) Methylene Chloride	4.716	84	30573	16.576	ug/l	94
21) trans-1,2-Dichloroethene	5.222	96	27057	18.483	ug/l	95
22) Diisopropyl ether	6.118	45	77114	17.830	ug/l	95
23) Vinyl Acetate	6.058	43	229905	93.477	ug/l	95
24) 1,1-Dichloroethane	6.021	63	45981	17.951	ug/l	99
25) 2-Butanone	6.984	43	50835	92.573	ug/l	100
26) 2,2-Dichloropropane	6.978	77	43463	18.865	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	30185	19.140	ug/l	94
28) Bromochloromethane	7.332	49	18994	17.281	ug/l #	81
29) Tetrahydrofuran	7.350	42	31852	97.986	ug/l	95
30) Chloroform	7.502	83	49670	18.725	ug/l	96
31) Cyclohexane	7.783	56	41203	17.573	ug/l #	88
32) 1,1,1-Trichloroethane	7.697	97	46106	19.659	ug/l	99
36) 1,1-Dichloropropene	7.917	75	36988	19.182	ug/l	98
37) Ethyl Acetate	7.076	43	22132	20.205	ug/l	99
38) Carbon Tetrachloride	7.899	117	43580	20.483	ug/l	98
39) Methylcyclohexane	9.179	83	43737	19.333	ug/l	97
40) Benzene	8.161	78	107125	19.234	ug/l	98

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 Quant Title : SW846 8260
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	9410m	19.364	ug/l	
42) 1,2-Dichloroethane	8.234	62	34736	20.357	ug/l	99
43) Isopropyl Acetate	8.271	43	38008	19.384	ug/l	95
44) Trichloroethene	8.935	130	30533	19.915	ug/l	96
45) 1,2-Dichloropropane	9.215	63	26325	18.876	ug/l	96
46) Dibromomethane	9.307	93	16133	20.137	ug/l	93
47) Bromodichloromethane	9.496	83	38616	19.976	ug/l	98
48) Methyl methacrylate	9.289	41	17368	19.019	ug/l	92
49) 1,4-Dioxane	9.301	88	4134	433.739	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	107234	101.337	ug/l	97
52) Toluene	10.240	92	68080	19.706	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	39421	19.951	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	43311	19.193	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	22757	20.549	ug/l	98
56) Ethyl methacrylate	10.508	69	29227	20.990	ug/l	96
57) 1,3-Dichloropropane	10.788	76	37790	20.213	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	68371	105.015	ug/l	95
59) 2-Hexanone	10.831	43	78636	102.750	ug/l	98
60) Dibromochloromethane	10.983	129	28971	20.828	ug/l	100
61) 1,2-Dibromoethane	11.087	107	22057	20.556	ug/l	100
64) Tetrachloroethene	10.715	164	27742	20.344	ug/l	96
65) Chlorobenzene	11.514	112	74451	19.772	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	29304	20.758	ug/l	98
67) Ethyl Benzene	11.593	91	128720	19.792	ug/l	97
68) m/p-Xylenes	11.703	106	102970	40.929	ug/l	100
69) o-Xylene	12.032	106	47538	20.372	ug/l	98
70) Styrene	12.044	104	81110	20.778	ug/l	100
71) Bromoform	12.209	173	19264	22.006	ug/l #	100
73) Isopropylbenzene	12.331	105	127707	19.898	ug/l	99
74) N-amyl acetate	12.142	43	33993	19.290	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	26744	19.893	ug/l	98
76) 1,2,3-Trichloropropane	12.630	75	20721m	19.838	ug/l	
77) Bromobenzene	12.605	156	32785	20.546	ug/l	92
78) n-propylbenzene	12.672	91	154868	19.625	ug/l	98
79) 2-Chlorotoluene	12.758	91	87868	19.622	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	109332	20.375	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	9495	20.273	ug/l	97
82) 4-Chlorotoluene	12.855	91	92958	19.947	ug/l	100
83) tert-Butylbenzene	13.075	119	96180	20.868	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	108411	20.630	ug/l	99
85) sec-Butylbenzene	13.251	105	141828	20.380	ug/l	99
86) p-Isopropyltoluene	13.367	119	121329	21.178	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	64669	20.445	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	64587	20.376	ug/l	98
89) n-Butylbenzene	13.696	91	107379	20.050	ug/l	99
90) Hexachloroethane	13.959	117	23634	19.803	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	57979	20.524	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	4564	20.402	ug/l	90
93) 1,2,4-Trichlorobenzene	15.007	180	35615	21.619	ug/l	100
94) Hexachlorobutadiene	15.111	225	22280	21.991	ug/l	99
95) Naphthalene	15.233	128	67294	21.272	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	31897	21.976	ug/l	100

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

