

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY053023\
 Data File : VY013912.D
 Acq On : 30 May 2023 12:24
 Operator : KP/MD
 Sample : VY0530SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0530SBS01

Quant Time: May 30 15:36:49 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y052323S.M
 Quant Title : SW846 8260
 QLast Update : Wed May 24 05:25:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	252909	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	380938	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	346554	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	182362	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	159654	54.566	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 109.140%			
35) Dibromofluoromethane	7.716	113	132281	53.770	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 107.540%			
50) Toluene-d8	10.179	98	482283	51.580	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 103.160%			
62) 4-Bromofluorobenzene	12.477	95	172052	55.358	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 110.720%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	37146	16.035	ug/l	92
3) Chloromethane	2.113	50	44572	15.793	ug/l	94
4) Vinyl Chloride	2.247	62	46203	16.008	ug/l	99
5) Bromomethane	2.650	94	42462	18.514	ug/l	100
6) Chloroethane	2.790	64	34499	18.344	ug/l	98
7) Trichlorofluoromethane	3.125	101	88510	18.221	ug/l	95
8) Diethyl Ether	3.527	74	29364	19.709	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.899	101	48378	18.372	ug/l	99
10) Methyl Iodide	4.088	142	44503	14.236	ug/l	98
11) Tert butyl alcohol	4.930	59	56712	253.016	ug/l #	73
12) 1,1-Dichloroethene	3.869	96	43375	17.533	ug/l	96
13) Acrolein	3.735	56	38775	115.006	ug/l	97
14) Allyl chloride	4.479	41	77069	17.064	ug/l	99
15) Acrylonitrile	5.167	53	88151	115.394	ug/l	100
16) Acetone	3.954	43	105094	121.019	ug/l	99
17) Carbon Disulfide	4.192	76	103700	14.043	ug/l	95
18) Methyl Acetate	4.479	43	67080	22.265	ug/l	98
19) Methyl tert-butyl Ether	5.222	73	136881	20.275	ug/l	97
20) Methylene Chloride	4.716	84	67299	20.351	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	45732	17.006	ug/l	95
22) Diisopropyl ether	6.118	45	164831	18.902	ug/l	98
23) Vinyl Acetate	6.064	43	496145	97.686	ug/l	100
24) 1,1-Dichloroethane	6.021	63	91958	18.064	ug/l	100
25) 2-Butanone	6.990	43	131215	123.827	ug/l	99
26) 2,2-Dichloropropane	6.984	77	87762	19.139	ug/l	97
27) cis-1,2-Dichloroethene	6.984	96	54504	18.042	ug/l	97
28) Bromochloromethane	7.332	49	31499	21.080	ug/l	98
29) Tetrahydrofuran	7.356	42	76125	120.324	ug/l	97
30) Chloroform	7.508	83	100657	19.502	ug/l	99
31) Cyclohexane	7.783	56	72512	16.130	ug/l #	95
32) 1,1,1-Trichloroethane	7.704	97	88579	18.813	ug/l	98
36) 1,1-Dichloropropene	7.917	75	67270	17.953	ug/l	99
37) Ethyl Acetate	7.070	43	54353	23.780	ug/l	99
38) Carbon Tetrachloride	7.899	117	81327	19.085	ug/l	97
39) Methylcyclohexane	9.185	83	72100	16.430	ug/l	97
40) Benzene	8.161	78	198640	18.457	ug/l	98

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 Quant Title : SW846 8260
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Manual Integrations
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Reviewed By :Krupa Patel 05/31/2023
 Supervised By :Mahesh Dadoda 05/31/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.356	41	74084	59.405	ug/l #	20
42) 1,2-Dichloroethane	8.240	62	73786	20.940	ug/l	99
43) Isopropyl Acetate	8.277	43	92679	22.251	ug/l	98
44) Trichloroethene	8.941	130	54056	18.643	ug/l	98
45) 1,2-Dichloropropane	9.215	63	53261	19.318	ug/l	99
46) Dibromomethane	9.307	93	32451	20.552	ug/l	99
47) Bromodichloromethane	9.496	83	76695	19.931	ug/l	98
48) Methyl methacrylate	9.295	41	40190	20.549	ug/l	90
49) 1,4-Dioxane	9.313	88	9159	493.561	ug/l #	95
51) 4-Methyl-2-Pentanone	10.069	43	275459	124.099	ug/l	100
52) Toluene	10.246	92	126626	19.297	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	80793	20.627	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	85724	19.536	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	46997	22.124	ug/l	94
56) Ethyl methacrylate	10.508	69	61728	21.769	ug/l	98
57) 1,3-Dichloropropane	10.788	76	75111	20.761	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	108977	120.445	ug/l	100
59) 2-Hexanone	10.831	43	202985	128.562	ug/l	100
60) Dibromochloromethane	10.983	129	58024	21.593	ug/l	98
61) 1,2-Dibromoethane	11.087	107	44190	21.868	ug/l	98
64) Tetrachloroethene	10.721	164	48042	18.736	ug/l	96
65) Chlorobenzene	11.514	112	139500	19.206	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	56710	20.230	ug/l	99
67) Ethyl Benzene	11.593	91	242498	18.553	ug/l	98
68) m/p-Xylenes	11.697	106	185273	37.455	ug/l	100
69) o-Xylene	12.026	106	87834	18.851	ug/l	100
70) Styrene	12.044	104	154397	19.562	ug/l	100
71) Bromoform	12.209	173	40753	22.242	ug/l #	98
73) Isopropylbenzene	12.331	105	239126	17.618	ug/l	100
74) N-amyl acetate	12.142	43	83773	20.529	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	60509	21.535	ug/l	100
76) 1,2,3-Trichloropropane	12.629	75	45210m	21.025	ug/l	
77) Bromobenzene	12.605	156	61180	18.370	ug/l	99
78) n-propylbenzene	12.666	91	297391	17.735	ug/l	100
79) 2-Chlorotoluene	12.751	91	167521	17.886	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	202282	18.055	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	20932	21.131	ug/l	98
82) 4-Chlorotoluene	12.855	91	177121	18.296	ug/l	98
83) tert-Butylbenzene	13.075	119	178484	18.291	ug/l	98
84) 1,2,4-Trimethylbenzene	13.117	105	202610	18.423	ug/l	99
85) sec-Butylbenzene	13.251	105	264223	18.228	ug/l	99
86) p-Isopropyltoluene	13.367	119	218470	18.235	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	120604	18.749	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	120766	18.858	ug/l	98
89) n-Butylbenzene	13.696	91	205451	17.882	ug/l	99
90) Hexachloroethane	13.959	117	46074	18.730	ug/l	100
91) 1,2-Dichlorobenzene	13.739	146	110706	19.366	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	11355	23.067	ug/l	97
93) 1,2,4-Trichlorobenzene	15.001	180	67482	19.042	ug/l	98
94) Hexachlorobutadiene	15.111	225	41540	18.590	ug/l	100
95) Naphthalene	15.233	128	141279	21.050	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	61642	19.559	ug/l	98

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Quant Title : SW846 8260
QLast Update : Wed May 24 05:25:47 2023
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

