

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013747.D
 Acq On : 15 May 2023 19:33
 Operator : KP/MD
 Sample : 02723-04MSD
 Misc : 5.65g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 26 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 CB-14-G1-SO-14-050923MSD

Quant Time: May 16 01:35:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y042423S.M
 Quant Title : SW846 8260
 QLast Update : Tue Apr 25 02:39:58 2023
 Response via : Initial Calibration

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 05/16/2023
 Supervised By :Mahesh Dadoda 05/17/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	148738	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	230256	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	207053	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	108630	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	92045	56.452	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.900%			
35) Dibromofluoromethane	7.716	113	81659	56.386	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.780%			
50) Toluene-d8	10.179	98	269063	52.226	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 104.460%			
62) 4-Bromofluorobenzene	12.477	95	101193	58.263	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 116.520%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	75197	53.179	ug/l	99
3) Chloromethane	2.113	50	102178	53.908	ug/l	97
4) Vinyl Chloride	2.253	62	106695	56.535	ug/l	97
5) Bromomethane	2.650	94	79575	52.912	ug/l	97
6) Chloroethane	2.796	64	67535	51.800	ug/l	97
7) Trichlorofluoromethane	3.125	101	159767	55.883	ug/l	95
8) Diethyl Ether	3.527	74	53106	54.547	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.905	101	99516	62.056	ug/l	95
10) Methyl Iodide	4.094	142	93152	46.248	ug/l	99
11) Tert butyl alcohol	4.978	59	50131	272.912	ug/l #	90
12) 1,1-Dichloroethene	3.875	96	83759	54.185	ug/l	92
13) Acrolein	3.723	56	12269	80.103	ug/l	98
14) Allyl chloride	4.478	41	158997	55.433	ug/l	96
15) Acrylonitrile	5.167	53	173710	318.593	ug/l	98
16) Acetone	3.954	43	164372	255.989	ug/l	100
17) Carbon Disulfide	4.192	76	232727	46.348	ug/l	99
18) Methyl Acetate	4.478	43	154668	72.931	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	261711	58.644	ug/l	99
20) Methylene Chloride	4.716	84	108728	54.834	ug/l #	84
21) trans-1,2-Dichloroethene	5.222	96	90432	53.505	ug/l	96
22) Diisopropyl ether	6.125	45	337699	60.237	ug/l #	92
23) Vinyl Acetate	6.064	43	908868	286.328	ug/l	95
24) 1,1-Dichloroethane	6.021	63	182849	58.520	ug/l	98
25) 2-Butanone	6.990	43	232813	285.895	ug/l	90
26) 2,2-Dichloropropane	6.978	77	152534	56.654	ug/l	100
27) cis-1,2-Dichloroethene	6.984	96	128000	68.544	ug/l	95
28) Bromochloromethane	7.338	49	64281	57.975	ug/l #	79
29) Tetrahydrofuran	7.350	42	151842	299.548	ug/l	91
30) Chloroform	7.508	83	181886	58.549	ug/l	100
31) Cyclohexane	7.789	56	152026	52.077	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	158504	57.177	ug/l	97
36) 1,1-Dichloropropene	7.917	75	134683	56.036	ug/l	97
37) Ethyl Acetate	7.076	43	105342	58.241	ug/l	96
38) Carbon Tetrachloride	7.899	117	145359	57.702	ug/l	99
39) Methylcyclohexane	9.185	83	156014	55.061	ug/l	95
40) Benzene	8.161	78	379306	56.024	ug/l	100

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41) Methacrylonitrile	7.313	41	51618m	61.242	ug/l	
42) 1,2-Dichloroethane	8.234	62	133166	60.162	ug/l	98
43) Isopropyl Acetate	8.271	43	185290	60.693	ug/l	95
44) Trichloroethene	8.941	130	111392	61.853	ug/l	92
45) 1,2-Dichloropropane	9.215	63	105450	59.569	ug/l	97
46) Dibromomethane	9.307	93	62894	59.380	ug/l	93
47) Bromodichloromethane	9.496	83	142435	60.098	ug/l	99
48) Methyl methacrylate	9.289	41	90754	64.727	ug/l	90
49) 1,4-Dioxane	9.301	88	16157	1068.064	ug/l #	87
51) 4-Methyl-2-Pentanone	10.069	43	538510	316.542	ug/l	95
52) Toluene	10.240	92	235931	57.908	ug/l	100
53) t-1,3-Dichloropropene	10.465	75	148619	59.250	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	163280	57.850	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	86213	61.463	ug/l	97
56) Ethyl methacrylate	10.508	69	117039	60.144	ug/l	91
57) 1,3-Dichloropropane	10.788	76	145744	61.352	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	204546	280.309	ug/l	92
59) 2-Hexanone	10.831	43	371794	300.645	ug/l	96
60) Dibromochloromethane	10.983	129	105060	61.685	ug/l	100
61) 1,2-Dibromoethane	11.087	107	83750	60.730	ug/l	100
64) Tetrachloroethene	10.721	164	82345	52.301	ug/l	93
65) Chlorobenzene	11.514	112	250070	55.443	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	98457	58.367	ug/l	100
67) Ethyl Benzene	11.593	91	449203	56.716	ug/l	98
68) m/p-Xylenes	11.703	106	339118	112.629	ug/l	96
69) o-Xylene	12.026	106	161805	56.822	ug/l	96
70) Styrene	12.044	104	279076	58.614	ug/l	100
71) Bromoform	12.203	173	72238	61.137	ug/l #	99
73) Isopropylbenzene	12.325	105	442511	53.857	ug/l	98
74) N-amyl acetate	12.142	43	154298	52.772	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	112783	56.158	ug/l	99
76) 1,2,3-Trichloropropane	12.629	75	82679m	56.436	ug/l	
77) Bromobenzene	12.605	156	106347	53.418	ug/l	91
78) n-propylbenzene	12.672	91	541604	53.516	ug/l	97
79) 2-Chlorotoluene	12.757	91	303848	53.764	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	362593	54.069	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	38381	53.591	ug/l	95
82) 4-Chlorotoluene	12.855	91	310277	52.674	ug/l	97
83) tert-Butylbenzene	13.075	119	323443	55.670	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	356574	54.689	ug/l	100
85) sec-Butylbenzene	13.251	105	481270	55.193	ug/l	98
86) p-Isopropyltoluene	13.367	119	388065	55.341	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	201693	53.176	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	200515	52.334	ug/l	100
89) n-Butylbenzene	13.696	91	370150	54.084	ug/l	98
90) Hexachloroethane	13.959	117	78345	53.086	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	185174	54.063	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	19347	54.546	ug/l	91
93) 1,2,4-Trichlorobenzene	15.007	180	108656	53.208	ug/l	99
94) Hexachlorobutadiene	15.111	225	65950	55.492	ug/l	100
95) Naphthalene	15.233	128	247500	55.860	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	100101	54.998	ug/l	99

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

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