

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051523\
 Data File : VY013746.D
 Acq On : 15 May 2023 19:10
 Operator : KP/MD
 Sample : 02723-03MS
 Misc : 5.84g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 25 Sample Multiplier: 1

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

Quant Time: May 16 01:34:45 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	142258	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	215703	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	195350	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	100098	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	101262	64.934	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 129.860%			
35) Dibromofluoromethane	7.716	113	89545	66.003	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 132.000%			
50) Toluene-d8	10.179	98	291344	60.367	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 120.740%			
62) 4-Bromofluorobenzene	12.477	95	110738	68.061	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 136.120%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	69882	51.672	ug/l	97
3) Chloromethane	2.113	50	91894	50.691	ug/l	98
4) Vinyl Chloride	2.253	62	97423	53.973	ug/l	98
5) Bromomethane	2.649	94	72765	50.587	ug/l	99
6) Chloroethane	2.796	64	61916	49.653	ug/l	92
7) Trichlorofluoromethane	3.125	101	153448	56.117	ug/l	98
8) Diethyl Ether	3.527	74	49594	53.260	ug/l	89
9) 1,1,2-Trichlorotrifluo...	3.899	101	92059	60.021	ug/l	96
10) Methyl Iodide	4.094	142	78553	40.777	ug/l	99
11) Tert butyl alcohol	4.972	59	47279	269.119	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	77056	52.119	ug/l	91
13) Acrolein	3.735	56	13737	95.339	ug/l	95
14) Allyl chloride	4.478	41	148206	54.025	ug/l	96
15) Acrylonitrile	5.167	53	165876	318.083	ug/l	100
16) Acetone	3.954	43	154554	251.663	ug/l	96
17) Carbon Disulfide	4.192	76	218617	45.521	ug/l	100
18) Methyl Acetate	4.478	43	134206	66.165	ug/l	93
19) Methyl tert-butyl Ether	5.222	73	238855	55.960	ug/l	99
20) Methylene Chloride	4.716	84	99280	51.913	ug/l #	79
21) trans-1,2-Dichloroethene	5.222	96	84513	52.281	ug/l	96
22) Diisopropyl ether	6.118	45	309940	57.803	ug/l	97
23) Vinyl Acetate	6.057	43	920997	303.366	ug/l	95
24) 1,1-Dichloroethane	6.015	63	169046	56.567	ug/l	99
25) 2-Butanone	6.990	43	213278	273.836	ug/l	91
26) 2,2-Dichloropropane	6.978	77	144396	56.074	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	105035	58.809	ug/l	95
28) Bromochloromethane	7.332	49	61431	57.928	ug/l #	77
29) Tetrahydrofuran	7.350	42	143766	296.535	ug/l	91
30) Chloroform	7.508	83	165910	55.839	ug/l	100
31) Cyclohexane	7.783	56	144882	51.890	ug/l	89
32) 1,1,1-Trichloroethane	7.703	97	150746	56.856	ug/l	97
36) 1,1-Dichloropropene	7.917	75	127085	56.442	ug/l	96
37) Ethyl Acetate	7.075	43	96814	57.138	ug/l	95
38) Carbon Tetrachloride	7.898	117	138461	58.672	ug/l	98
39) Methylcyclohexane	9.185	83	147102	55.418	ug/l	97
40) Benzene	8.161	78	351205	55.374	ug/l	99

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41) Methacrylonitrile	7.307	41	42300m	53.573	ug/l	
42) 1,2-Dichloroethane	8.234	62	121536	58.612	ug/l	98
43) Isopropyl Acetate	8.270	43	170287	59.542	ug/l	96
44) Trichloroethene	8.935	130	94214	55.844	ug/l	96
45) 1,2-Dichloropropane	9.215	63	95221	57.420	ug/l	100
46) Dibromomethane	9.307	93	57879	58.332	ug/l	93
47) Bromodichloromethane	9.496	83	130120	58.606	ug/l	99
48) Methyl methacrylate	9.288	41	82195	62.578	ug/l	91
49) 1,4-Dioxane	9.301	88	15686	1106.888	ug/l #	85
51) 4-Methyl-2-Pentanone	10.069	43	491329	308.294	ug/l	95
52) Toluene	10.240	92	212071	55.564	ug/l	97
53) t-1,3-Dichloropropene	10.465	75	135679	57.741	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	148028	55.985	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	79259	60.318	ug/l	96
56) Ethyl methacrylate	10.508	69	108921	59.748	ug/l	89
57) 1,3-Dichloropropane	10.788	76	133272	59.886	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	185233	270.968	ug/l	93
59) 2-Hexanone	10.831	43	337363	291.208	ug/l	96
60) Dibromochloromethane	10.983	129	95540	59.880	ug/l	99
61) 1,2-Dibromoethane	11.087	107	76129	58.928	ug/l	99
64) Tetrachloroethene	10.715	164	78530	52.866	ug/l	98
65) Chlorobenzene	11.514	112	226056	53.121	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	90838	57.076	ug/l	99
67) Ethyl Benzene	11.593	91	418304	55.978	ug/l	99
68) m/p-Xylenes	11.703	106	311913	109.800	ug/l	97
69) o-Xylene	12.026	106	149616	55.689	ug/l	97
70) Styrene	12.044	104	254468	56.648	ug/l	99
71) Bromoform	12.203	173	66397	59.560	ug/l #	99
73) Isopropylbenzene	12.325	105	405049	53.500	ug/l	98
74) N-amyl acetate	12.142	43	140273	52.064	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	103381	55.864	ug/l	98
76) 1,2,3-Trichloropropane	12.629	75	74464m	55.161	ug/l	
77) Bromobenzene	12.605	156	97229	53.000	ug/l	90
78) n-propylbenzene	12.672	91	499989	53.615	ug/l	97
79) 2-Chlorotoluene	12.757	91	272255	52.280	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	329056	53.250	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.379	75	35498	53.790	ug/l	96
82) 4-Chlorotoluene	12.849	91	281970	51.949	ug/l	97
83) tert-Butylbenzene	13.074	119	299235	55.893	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	324924	54.083	ug/l	99
85) sec-Butylbenzene	13.251	105	439281	54.672	ug/l	99
86) p-Isopropyltoluene	13.367	119	358970	55.556	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	183093	52.387	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	183538	51.986	ug/l	100
89) n-Butylbenzene	13.696	91	341200	54.103	ug/l	98
90) Hexachloroethane	13.958	117	72119	53.032	ug/l	97
91) 1,2-Dichlorobenzene	13.739	146	169048	53.562	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17395	53.223	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	98495	52.344	ug/l	99
94) Hexachlorobutadiene	15.111	225	59799	54.605	ug/l	99
95) Naphthalene	15.233	128	219569	53.780	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	89554	53.397	ug/l	98

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

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