

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY051623\
 Data File : VY013763.D
 Acq On : 16 May 2023 16:47
 Operator : KP/MD
 Sample : VY0516SBS02
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0516SBS02

Quant Time: May 17 07:50:16 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

05/17/2023

Supervised By :Mahesh
 Dadoda

05/17/2023

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	183768	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	286364	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.483	117	259965	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	135912	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	112072	55.633	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	= 111.260%	
35) Dibromofluoromethane	7.710	113	104118	57.808	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	= 115.620%	
50) Toluene-d8	10.173	98	344843	53.821	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	= 107.640%	
62) 4-Bromofluorobenzene	12.477	95	132521	61.351	ug/l	0.00
Spiked Amount	50.000	Range	30 - 143	Recovery	= 122.700%	
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.900	85	37680	21.568	ug/l	97
3) Chloromethane	2.107	50	57460	24.537	ug/l	98
4) Vinyl Chloride	2.247	62	57710	24.750	ug/l	100
5) Bromomethane	2.644	94	52752	28.390	ug/l	95
6) Chloroethane	2.784	64	40875	25.375	ug/l	99
7) Trichlorofluoromethane	3.119	101	84265	23.856	ug/l	96
8) Diethyl Ether	3.521	74	27690	23.020	ug/l	90
9) 1,1,2-Trichlorotrifluo...	3.893	101	49040	24.751	ug/l	96
10) Methyl Iodide	4.082	142	41083	16.509	ug/l	98
11) Tert butyl alcohol	4.954	59	24178	106.930	ug/l #	89
12) 1,1-Dichloroethene	3.863	96	44154	23.119	ug/l	87
13) Acrolein	3.729	56	13647	71.200	ug/l	93
14) Allyl chloride	4.472	41	83471	23.554	ug/l	96
15) Acrylonitrile	5.149	53	77953	115.717	ug/l	97
16) Acetone	3.942	43	88094	111.043	ug/l	93
17) Carbon Disulfide	4.186	76	123821	19.959	ug/l	99
18) Methyl Acetate	4.472	43	61254	23.378	ug/l	93
19) Methyl tert-butyl Ether	5.210	73	126698	22.978	ug/l	99
20) Methylene Chloride	4.704	84	66016	22.039	ug/l #	83
21) trans-1,2-Dichloroethene	5.210	96	49087	23.507	ug/l	90
22) Diisopropyl ether	6.106	45	180005	25.988	ug/l #	91
23) Vinyl Acetate	6.051	43	517919	132.062	ug/l #	94
24) 1,1-Dichloroethane	6.009	63	97533	25.265	ug/l	97
25) 2-Butanone	6.984	43	116935	116.224	ug/l #	89
26) 2,2-Dichloropropane	6.972	77	84100	25.282	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	56875	24.651	ug/l	92
28) Bromochloromethane	7.326	49	36442	26.602	ug/l #	80
29) Tetrahydrofuran	7.338	42	70643	112.796	ug/l	90
30) Chloroform	7.496	83	97562	25.419	ug/l	99
31) Cyclohexane	7.777	56	82421	22.852	ug/l	92
32) 1,1,1-Trichloroethane	7.691	97	85906	25.082	ug/l	97
36) 1,1-Dichloropropene	7.911	75	71756	24.005	ug/l	98
37) Ethyl Acetate	7.063	43	51890	23.068	ug/l	96
38) Carbon Tetrachloride	7.893	117	76026	24.266	ug/l	96
39) Methylcyclohexane	9.179	83	79658	22.605	ug/l	94
40) Benzene	8.155	78	206330	24.504	ug/l	96

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41) Methacrylonitrile	7.301	41	24488	23.361	ug/l	94
42) 1,2-Dichloroethane	8.228	62	66549	24.175	ug/l	98
43) Isopropyl Acetate	8.264	43	88289	23.253	ug/l	97
44) Trichloroethene	8.935	130	53805	24.023	ug/l	96
45) 1,2-Dichloropropane	9.209	63	55752	25.324	ug/l	97
46) Dibromomethane	9.295	93	31391	23.830	ug/l	94
47) Bromodichloromethane	9.490	83	74689	25.339	ug/l	99
48) Methyl methacrylate	9.289	41	42017	24.096	ug/l	92
49) 1,4-Dioxane	9.307	88	8394	446.168	ug/l #	92
51) 4-Methyl-2-Pentanone	10.063	43	252871	119.517	ug/l	94
52) Toluene	10.240	92	127367	25.137	ug/l	99
53) t-1,3-Dichloropropene	10.459	75	76965	24.672	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	85765	24.433	ug/l	94
55) 1,1,2-Trichloroethane	10.636	97	43151	24.736	ug/l	96
56) Ethyl methacrylate	10.502	69	58262	24.073	ug/l	89
57) 1,3-Dichloropropane	10.782	76	74585	25.245	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.776	63	116548	128.423	ug/l	92
59) 2-Hexanone	10.825	43	184772	120.138	ug/l	96
60) Dibromochloromethane	10.977	129	52893	24.971	ug/l	98
61) 1,2-Dibromoethane	11.081	107	41002	23.907	ug/l	99
64) Tetrachloroethene	10.715	164	46460	23.503	ug/l	98
65) Chlorobenzene	11.514	112	134313	23.717	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	52732	24.898	ug/l	98
67) Ethyl Benzene	11.587	91	243100	24.446	ug/l	98
68) m/p-Xylenes	11.697	106	184907	48.913	ug/l	98
69) o-Xylene	12.026	106	85222	23.837	ug/l	96
70) Styrene	12.038	104	145530	24.344	ug/l	99
71) Bromoform	12.203	173	34622	23.338	ug/l #	98
73) Isopropylbenzene	12.325	105	231804	22.549	ug/l	99
74) N-amyl acetate	12.142	43	79268	21.669	ug/l	95
75) 1,1,2,2-Tetrachloroethane	12.581	83	56225	22.376	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	37966m	20.713	ug/l	
77) Bromobenzene	12.605	156	55920	22.450	ug/l	90
78) n-propylbenzene	12.666	91	294191	23.234	ug/l	96
79) 2-Chlorotoluene	12.751	91	163163	23.075	ug/l	98
80) 1,3,5-Trimethylbenzene	12.806	105	194766	23.213	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.373	75	18707	20.877	ug/l	90
82) 4-Chlorotoluene	12.849	91	167911	22.784	ug/l	98
83) tert-Butylbenzene	13.068	119	174115	23.953	ug/l	99
84) 1,2,4-Trimethylbenzene	13.117	105	193556	23.727	ug/l	100
85) sec-Butylbenzene	13.251	105	256302	23.493	ug/l	97
86) p-Isopropyltoluene	13.367	119	209525	23.882	ug/l	100
87) 1,3-Dichlorobenzene	13.361	146	111582	23.513	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	110237	22.996	ug/l	99
89) n-Butylbenzene	13.696	91	206366	24.100	ug/l	98
90) Hexachloroethane	13.959	117	43421	23.516	ug/l	92
91) 1,2-Dichlorobenzene	13.739	146	99180	23.144	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9143	20.603	ug/l	93
93) 1,2,4-Trichlorobenzene	15.001	180	60150	23.543	ug/l	97
94) Hexachlorobutadiene	15.111	225	38414	25.834	ug/l	99
95) Naphthalene	15.233	128	118442	21.366	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	53386	23.444	ug/l	100

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

