

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042723\
 Data File : VY013494.D
 Acq On : 27 Apr 2023 16:06
 Operator : KP/MD
 Sample : VY0427SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0427SBS01

Quant Time: Apr 28 01:30:41 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 04/28/2023
 Supervised By :Mahesh Dadoda 04/28/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	280466	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	429835	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	387693	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	196862	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	173452	56.416	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 112.840%			
35) Dibromofluoromethane	7.716	113	149414	55.268	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 110.540%			
50) Toluene-d8	10.179	98	519083	53.974	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 107.940%			
62) 4-Bromofluorobenzene	12.477	95	183328	56.544	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 113.080%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.900	85	60499	22.690	ug/l	100
3) Chloromethane	2.107	50	75466	21.115	ug/l	100
4) Vinyl Chloride	2.247	62	74041	20.806	ug/l	93
5) Bromomethane	2.650	94	60690	21.401	ug/l	96
6) Chloroethane	2.790	64	53431	21.734	ug/l	98
7) Trichlorofluoromethane	3.119	101	120391	22.332	ug/l	99
8) Diethyl Ether	3.527	74	40549	22.088	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.893	101	68589	22.682	ug/l	95
10) Methyl Iodide	4.082	142	71964	18.948	ug/l	100
11) Tert butyl alcohol	5.003	59	40521	117.358	ug/l #	92
12) 1,1-Dichloroethene	3.863	96	63923	21.930	ug/l	92
13) Acrolein	3.729	56	35256	126.881	ug/l	92
14) Allyl chloride	4.479	41	116507	21.541	ug/l	96
15) Acrylonitrile	5.161	53	128321	124.811	ug/l	99
16) Acetone	3.954	43	137080	113.216	ug/l	99
17) Carbon Disulfide	4.186	76	203527	21.496	ug/l	100
18) Methyl Acetate	4.472	43	95477	23.876	ug/l	94
19) Methyl tert-butyl Ether	5.216	73	182208	21.653	ug/l	98
20) Methylene Chloride	4.704	84	102594	22.618	ug/l #	86
21) trans-1,2-Dichloroethene	5.210	96	71554	22.452	ug/l	94
22) Diisopropyl ether	6.112	45	242503	22.940	ug/l	92
23) Vinyl Acetate	6.058	43	689810m	115.248	ug/l	
24) 1,1-Dichloroethane	6.015	63	133800	22.710	ug/l	98
25) 2-Butanone	6.984	43	188103	122.500	ug/l	90
26) 2,2-Dichloropropane	6.978	77	109249	21.519	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	76332	21.678	ug/l	94
28) Bromochloromethane	7.332	49	50266	24.042	ug/l #	78
29) Tetrahydrofuran	7.344	42	119696	125.226	ug/l	91
30) Chloroform	7.502	83	135302	23.097	ug/l	98
31) Cyclohexane	7.777	56	117418	21.331	ug/l	92
32) 1,1,1-Trichloroethane	7.697	97	118269	22.625	ug/l	96
36) 1,1-Dichloropropene	7.911	75	101585	22.641	ug/l	97
37) Ethyl Acetate	7.070	43	87453	25.901	ug/l #	93
38) Carbon Tetrachloride	7.893	117	109494	23.283	ug/l	97
39) Methylcyclohexane	9.179	83	116007	21.932	ug/l	95
40) Benzene	8.155	78	291737	23.083	ug/l	100

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41) Methacrylonitrile	7.307	41	29010m	18.438	ug/l	
42) 1,2-Dichloroethane	8.234	62	99252	24.020	ug/l	98
43) Isopropyl Acetate	8.271	43	138143	24.239	ug/l	95
44) Trichloroethene	8.935	130	76708	22.817	ug/l	94
45) 1,2-Dichloropropane	9.209	63	77336	23.403	ug/l	99
46) Dibromomethane	9.301	93	46992	23.766	ug/l	95
47) Bromodichloromethane	9.496	83	104037	23.515	ug/l	94
48) Methyl methacrylate	9.289	41	62939	24.046	ug/l	94
49) 1,4-Dioxane	9.313	88	14644	518.568	ug/l #	84
51) 4-Methyl-2-Pentanone	10.069	43	411454	129.559	ug/l	95
52) Toluene	10.240	92	179409	23.589	ug/l	100
53) t-1,3-Dichloropropene	10.459	75	106967	22.844	ug/l	100
54) cis-1,3-Dichloropropene	9.923	75	119154	22.615	ug/l	95
55) 1,1,2-Trichloroethane	10.642	97	63363	24.199	ug/l	98
56) Ethyl methacrylate	10.508	69	85857	23.634	ug/l	90
57) 1,3-Dichloropropane	10.788	76	105779	23.853	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.782	63	182760	134.164	ug/l	92
59) 2-Hexanone	10.831	43	308277	133.537	ug/l	95
60) Dibromochloromethane	10.983	129	74357	23.387	ug/l	100
61) 1,2-Dibromoethane	11.087	107	60824	23.627	ug/l	97
64) Tetrachloroethene	10.715	164	67846	23.014	ug/l	99
65) Chlorobenzene	11.514	112	189086	22.389	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.587	131	71376	22.598	ug/l	99
67) Ethyl Benzene	11.587	91	328775	22.169	ug/l	99
68) m/p-Xylenes	11.697	106	257906	45.746	ug/l	98
69) o-Xylene	12.026	106	116735	21.894	ug/l	94
70) Styrene	12.038	104	205852	23.090	ug/l	99
71) Bromoform	12.203	173	52667	23.805	ug/l #	99
73) Isopropylbenzene	12.325	105	316378	21.248	ug/l	97
74) N-amyl acetate	12.142	43	122720	23.160	ug/l	96
75) 1,1,2,2-Tetrachloroethane	12.581	83	84175	23.128	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	58827m	22.158	ug/l	
77) Bromobenzene	12.605	156	80941	22.434	ug/l	91
78) n-propylbenzene	12.666	91	399344	21.774	ug/l	97
79) 2-Chlorotoluene	12.751	91	222704	21.745	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	268237	22.071	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.373	75	28968	22.319	ug/l	94
82) 4-Chlorotoluene	12.849	91	233354	21.860	ug/l	98
83) tert-Butylbenzene	13.075	119	219365	20.834	ug/l	97
84) 1,2,4-Trimethylbenzene	13.117	105	266149	22.525	ug/l	99
85) sec-Butylbenzene	13.251	105	343134	21.714	ug/l	98
86) p-Isopropyltoluene	13.367	119	281099	22.120	ug/l	99
87) 1,3-Dichlorobenzene	13.361	146	156715	22.799	ug/l	99
88) 1,4-Dichlorobenzene	13.440	146	154653	22.273	ug/l	98
89) n-Butylbenzene	13.696	91	266981	21.526	ug/l	98
90) Hexachloroethane	13.959	117	57766	21.599	ug/l	98
91) 1,2-Dichlorobenzene	13.733	146	142079	22.890	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.349	75	15224	23.685	ug/l	95
93) 1,2,4-Trichlorobenzene	15.001	180	83361	22.526	ug/l	99
94) Hexachlorobutadiene	15.105	225	51522	23.922	ug/l	99
95) Naphthalene	15.233	128	185197	23.065	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	79528	24.111	ug/l	100

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

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