

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014075.D
 Acq On : 08 Jun 2023 16:05
 Operator : KP/MD
 Sample : VY0608SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0608SBS01

Quant Time: Jun 09 04:20:26 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060123S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 02 07:00:14 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Krupa Patel 06/09/2023
 Supervised By :Mahesh Dadoda 06/09/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	225651	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	344566	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	311843	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	165974	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	143958	48.193	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.380%		
35) Dibromofluoromethane	7.716	113	119172	54.423	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	108.840%		
50) Toluene-d8	10.179	98	440977	52.795	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	105.580%		
62) 4-Bromofluorobenzene	12.483	95	158694	55.729	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	111.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	40829	20.564	ug/l	100
3) Chloromethane	2.113	50	45301	16.474	ug/l	98
4) Vinyl Chloride	2.247	62	47401	18.607	ug/l	93
5) Bromomethane	2.650	94	40339	18.185	ug/l	99
6) Chloroethane	2.790	64	34081	18.694	ug/l	98
7) Trichlorofluoromethane	3.125	101	90071	22.366	ug/l	98
8) Diethyl Ether	3.527	74	28847	18.272	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	48935	23.654	ug/l	99
10) Methyl Iodide	4.094	142	48073	16.861	ug/l	98
11) Tert butyl alcohol	4.978	59	27742	45.189	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	42208	19.459	ug/l	97
13) Acrolein	3.729	56	22994	81.790	ug/l	98
14) Allyl chloride	4.478	41	78926	18.749	ug/l	99
15) Acrylonitrile	5.167	53	77383	88.326	ug/l	98
16) Acetone	3.954	43	81321	79.572	ug/l	94
17) Carbon Disulfide	4.192	76	104974	14.312	ug/l	98
18) Methyl Acetate	4.485	43	63363	17.161	ug/l	100
19) Methyl tert-butyl Ether	5.216	73	131152	18.689	ug/l	100
20) Methylene Chloride	4.710	84	61113	19.686	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	46636	18.982	ug/l	96
22) Diisopropyl ether	6.118	45	160103	19.621	ug/l	99
23) Vinyl Acetate	6.057	43	446502	87.243	ug/l	97
24) 1,1-Dichloroethane	6.015	63	91316	20.050	ug/l	98
25) 2-Butanone	6.984	43	101199	79.485	ug/l	94
26) 2,2-Dichloropropane	6.978	77	87664	21.209	ug/l	99
27) cis-1,2-Dichloroethene	6.978	96	56327	20.024	ug/l	97
28) Bromochloromethane	7.332	49	42732	19.867	ug/l	97
29) Tetrahydrofuran	7.344	42	61457	77.624	ug/l	97
30) Chloroform	7.502	83	100984	21.118	ug/l	98
31) Cyclohexane	7.789	56	68334	18.998	ug/l	99
32) 1,1,1-Trichloroethane	7.697	97	91028	22.442	ug/l	99
36) 1,1-Dichloropropene	7.917	75	67919	21.771	ug/l	99
37) Ethyl Acetate	7.069	43	46993	17.277	ug/l	99
38) Carbon Tetrachloride	7.899	117	82710	23.659	ug/l	97
39) Methylcyclohexane	9.185	83	73361	22.027	ug/l	97
40) Benzene	8.161	78	202858	21.079	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.301	41	21407	17.029	ug/l	99
42) 1,2-Dichloroethane	8.234	62	72951	20.672	ug/l	100
43) Isopropyl Acetate	8.270	43	81881	17.878	ug/l #	90
44) Trichloroethene	8.941	130	55014	21.829	ug/l	95
45) 1,2-Dichloropropane	9.215	63	52524	21.149	ug/l	99
46) Dibromomethane	9.307	93	31429	19.767	ug/l	99
47) Bromodichloromethane	9.496	83	79114	22.089	ug/l	99
48) Methyl methacrylate	9.289	41	37639	18.056	ug/l	98
49) 1,4-Dioxane	9.307	88	7632	330.076	ug/l #	76
51) 4-Methyl-2-Pentanone	10.069	43	233820	90.388	ug/l	98
52) Toluene	10.246	92	129442	21.956	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	80083	20.815	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	86163	20.976	ug/l	98
55) 1,1,2-Trichloroethane	10.648	97	44590	21.273	ug/l	93
56) Ethyl methacrylate	10.508	69	58284	19.366	ug/l	98
57) 1,3-Dichloropropane	10.788	76	73466	20.512	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	83165	74.078	ug/l	98
59) 2-Hexanone	10.831	43	166746	89.019	ug/l	100
60) Dibromochloromethane	10.983	129	56367	21.276	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41799	19.847	ug/l	100
64) Tetrachloroethene	10.721	164	49688	23.258	ug/l	97
65) Chlorobenzene	11.514	112	142988	22.350	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	57364	23.032	ug/l	98
67) Ethyl Benzene	11.593	91	251406	22.703	ug/l	100
68) m/p-Xylenes	11.703	106	195329	46.177	ug/l	99
69) o-Xylene	12.032	106	93043	22.955	ug/l	99
70) Styrene	12.044	104	158602	22.781	ug/l	99
71) Bromoform	12.209	173	38845	21.156	ug/l #	99
73) Isopropylbenzene	12.331	105	246845	22.533	ug/l	100
74) N-amyl acetate	12.142	43	76514	18.205	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	54808	19.143	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	43731m	19.580	ug/l	
77) Bromobenzene	12.611	156	62743	21.187	ug/l	97
78) n-propylbenzene	12.672	91	308856	23.004	ug/l	100
79) 2-Chlorotoluene	12.757	91	173953	21.885	ug/l	98
80) 1,3,5-Trimethylbenzene	12.812	105	214279	22.822	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	19116	18.157	ug/l	96
82) 4-Chlorotoluene	12.855	91	185238	22.159	ug/l	99
83) tert-Butylbenzene	13.074	119	180890	23.006	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	212029	22.609	ug/l	99
85) sec-Butylbenzene	13.251	105	273680	23.937	ug/l	99
86) p-Isopropyltoluene	13.367	119	231771	24.015	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	123521	21.963	ug/l	100
88) 1,4-Dichlorobenzene	13.446	146	125143	21.997	ug/l	100
89) n-Butylbenzene	13.696	91	214261	23.529	ug/l	99
90) Hexachloroethane	13.965	117	45653	22.539	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	113018	21.814	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	9691	17.549	ug/l	93
93) 1,2,4-Trichlorobenzene	15.007	180	69903	21.948	ug/l	99
94) Hexachlorobutadiene	15.111	225	43600	25.700	ug/l	100
95) Naphthalene	15.239	128	134114	19.848	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	62821	21.656	ug/l	98

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

