

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY060823\
 Data File : VY014076.D
 Acq On : 08 Jun 2023 16:27
 Operator : KP/MD
 Sample : VY0608SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0608SBS01

Manual Integrations
 APPROVED

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

Quant Time: Jun 09 04:21:11 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

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	224543	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	336870	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	310470	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	164424	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	141617	47.644	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.280%		
35) Dibromofluoromethane	7.716	113	119899	56.005	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	112.020%		
50) Toluene-d8	10.179	98	434454	53.202	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	106.400%		
62) 4-Bromofluorobenzene	12.483	95	155148	55.729	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	111.460%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	41682	21.097	ug/l	96
3) Chloromethane	2.113	50	45607	16.667	ug/l	98
4) Vinyl Chloride	2.253	62	48410	19.097	ug/l	97
5) Bromomethane	2.656	94	38519	17.451	ug/l	100
6) Chloroethane	2.796	64	33755	18.606	ug/l	93
7) Trichlorofluoromethane	3.125	101	88556	22.098	ug/l	100
8) Diethyl Ether	3.527	74	27351	17.409	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.905	101	48418	23.520	ug/l	99
10) Methyl Iodide	4.094	142	48624	17.138	ug/l	97
11) Tert butyl alcohol	4.978	59	24140	39.516	ug/l #	95
12) 1,1-Dichloroethene	3.881	96	42863	19.858	ug/l	87
13) Acrolein	3.735	56	20892	74.680	ug/l	96
14) Allyl chloride	4.485	41	74412	17.764	ug/l	97
15) Acrylonitrile	5.167	53	73425	84.222	ug/l	98
16) Acetone	3.954	43	73384	72.160	ug/l	97
17) Carbon Disulfide	4.198	76	103504	14.181	ug/l	99
18) Methyl Acetate	4.485	43	57232	15.577	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	129972	18.612	ug/l	98
20) Methylene Chloride	4.716	84	59807	19.289	ug/l	98
21) trans-1,2-Dichloroethene	5.222	96	46271	18.926	ug/l	91
22) Diisopropyl ether	6.119	45	161422	19.881	ug/l	99
23) Vinyl Acetate	6.064	43	440166	86.430	ug/l	99
24) 1,1-Dichloroethane	6.021	63	91882	20.274	ug/l	97
25) 2-Butanone	6.990	43	91320	72.080	ug/l	100
26) 2,2-Dichloropropane	6.984	77	87206	21.202	ug/l	98
27) cis-1,2-Dichloroethene	6.984	96	55820	19.942	ug/l	99
28) Bromochloromethane	7.338	49	43337	20.247	ug/l	96
29) Tetrahydrofuran	7.356	42	58502	74.256	ug/l	99
30) Chloroform	7.508	83	99885	20.991	ug/l	98
31) Cyclohexane	7.783	56	68037	19.009	ug/l	96
32) 1,1,1-Trichloroethane	7.704	97	90101	22.323	ug/l	99
36) 1,1-Dichloropropene	7.923	75	66341	21.751	ug/l	98
37) Ethyl Acetate	7.076	43	45175	16.988	ug/l	99
38) Carbon Tetrachloride	7.899	117	82699	24.197	ug/l	99
39) Methylcyclohexane	9.185	83	70954	21.791	ug/l	94
40) Benzene	8.161	78	198806	21.130	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.320	41	22840	18.583	ug/l #	84
42) 1,2-Dichloroethane	8.240	62	71827	20.819	ug/l	99
43) Isopropyl Acetate	8.271	43	79759	17.813	ug/l	99
44) Trichloroethene	8.941	130	54193	21.995	ug/l	98
45) 1,2-Dichloropropane	9.216	63	51649	21.272	ug/l	100
46) Dibromomethane	9.307	93	31368	20.180	ug/l	99
47) Bromodichloromethane	9.496	83	76730	21.912	ug/l	99
48) Methyl methacrylate	9.295	41	35000	17.174	ug/l	95
49) 1,4-Dioxane	9.325	88	7527	332.972	ug/l #	40
51) 4-Methyl-2-Pentanone	10.069	43	220853	87.326	ug/l	99
52) Toluene	10.246	92	126577	21.960	ug/l	98
53) t-1,3-Dichloropropene	10.465	75	78384	20.839	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	84633	21.074	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	42367	20.674	ug/l	98
56) Ethyl methacrylate	10.508	69	55799	18.964	ug/l	98
57) 1,3-Dichloropropane	10.788	76	72643	20.745	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	80124	73.336	ug/l	97
59) 2-Hexanone	10.831	43	155368	84.840	ug/l	99
60) Dibromochloromethane	10.983	129	57665	22.264	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41591	20.200	ug/l	99
64) Tetrachloroethene	10.721	164	49048	23.060	ug/l	96
65) Chlorobenzene	11.514	112	140740	22.096	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	57411	23.153	ug/l	99
67) Ethyl Benzene	11.593	91	247514	22.450	ug/l	98
68) m/p-Xylenes	11.703	106	191402	45.449	ug/l	99
69) o-Xylene	12.032	106	89583	22.199	ug/l	98
70) Styrene	12.044	104	155946	22.499	ug/l	99
71) Bromoform	12.209	173	38148	20.868	ug/l #	99
73) Isopropylbenzene	12.331	105	245382	22.611	ug/l	99
74) N-amyl acetate	12.142	43	72745	17.471	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	51996	18.332	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	41842m	18.910	ug/l	
77) Bromobenzene	12.611	156	63441	21.624	ug/l	95
78) n-propylbenzene	12.672	91	302315	22.729	ug/l	99
79) 2-Chlorotoluene	12.758	91	169587	21.537	ug/l	99
80) 1,3,5-Trimethylbenzene	12.812	105	208232	22.387	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	18878	18.100	ug/l	98
82) 4-Chlorotoluene	12.855	91	181315	21.895	ug/l	99
83) tert-Butylbenzene	13.075	119	177471	22.784	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	209006	22.497	ug/l	100
85) sec-Butylbenzene	13.251	105	270904	23.918	ug/l	100
86) p-Isopropyltoluene	13.367	119	227457	23.790	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	121939	21.886	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	120905	21.453	ug/l	98
89) n-Butylbenzene	13.696	91	213531	23.670	ug/l	100
90) Hexachloroethane	13.965	117	45623	22.736	ug/l	98
91) 1,2-Dichlorobenzene	13.739	146	110358	21.501	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9045	16.534	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	70083	22.212	ug/l	99
94) Hexachlorobutadiene	15.117	225	45174	26.879	ug/l	95
95) Naphthalene	15.239	128	129472	19.441	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	62668	21.807	ug/l	99

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

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