

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY020223\
 Data File : VY012455.D
 Acq On : 02 Feb 2023 14:24
 Operator : KP/MD
 Sample : VY0202SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0202SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa
 Patel

02/03/2023
 Supervised By :Mahesh
 Dadoda

Quant Time: Feb 03 03:11:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011623S.M
 Quant Title : SW846 8260
 QLast Update : Tue Jan 17 04:31:47 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	172402	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	268635	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	245457	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	126262	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	68891	48.056	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	96.120%
35) Dibromofluoromethane	7.722	113	66382	46.668	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	93.340%
50) Toluene-d8	10.179	98	226225	45.513	ug/l	0.00
Spiked Amount	50.000	Range	49 - 140	Recovery	=	91.020%
62) 4-Bromofluorobenzene	12.483	95	90411	45.089	ug/l	0.00
Spiked Amount	50.000	Range	25 - 144	Recovery	=	90.180%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	32853	21.806	ug/l	95
3) Chloromethane	2.113	50	31120	22.375	ug/l	96
4) Vinyl Chloride	2.253	62	36184	22.289	ug/l	97
5) Bromomethane	2.644	94	28221	22.484	ug/l	93
6) Chloroethane	2.790	64	24327	22.977	ug/l	98
7) Trichlorofluoromethane	3.125	101	70081	22.119	ug/l	99
8) Diethyl Ether	3.534	74	21660	22.974	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.906	101	36359	23.578	ug/l	96
10) Methyl Iodide	4.095	142	46310	19.761	ug/l	98
11) Tert butyl alcohol	4.936	59	31179	180.432	ug/l #	74
12) 1,1-Dichloroethene	3.869	96	35934	22.694	ug/l	95
13) Acrolein	3.729	56	7499	98.058	ug/l	97
14) Allyl chloride	4.485	41	46055	23.523	ug/l #	90
15) Acrylonitrile	5.161	53	50263	122.051	ug/l	100
16) Acetone	3.948	43	52428	109.211	ug/l	100
17) Carbon Disulfide	4.198	76	100179	20.454	ug/l	100
18) Methyl Acetate	4.473	43	26363	24.542	ug/l #	89
19) Methyl tert-butyl Ether	5.222	73	100981	22.878	ug/l	96
20) Methylene Chloride	4.716	84	54441	22.754	ug/l	89
21) trans-1,2-Dichloroethene	5.222	96	39602	22.413	ug/l	92
22) Diisopropyl ether	6.125	45	96973	24.844	ug/l #	95
23) Vinyl Acetate	6.058	43	287701	118.288	ug/l #	94
24) 1,1-Dichloroethane	6.021	63	63722	23.537	ug/l	98
25) 2-Butanone	6.984	43	64393	121.500	ug/l	95
26) 2,2-Dichloropropane	6.984	77	67099	22.831	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	44918	23.143	ug/l	95
28) Bromochloromethane	7.338	49	13286	22.471	ug/l #	81
29) Tetrahydrofuran	7.350	42	35863	123.192	ug/l #	85
30) Chloroform	7.509	83	73893	23.121	ug/l	98
31) Cyclohexane	7.783	56	56188	22.353	ug/l	90
32) 1,1,1-Trichloroethane	7.704	97	69179	21.865	ug/l	98
36) 1,1-Dichloropropene	7.917	75	52409	21.680	ug/l	98
37) Ethyl Acetate	7.070	43	24863	23.330	ug/l #	95
38) Carbon Tetrachloride	7.905	117	65521	20.986	ug/l	95
39) Methylcyclohexane	9.185	83	65297	22.103	ug/l	94
40) Benzene	8.161	78	156084	22.370	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.314	41	12365m	19.739	ug/l	
42) 1,2-Dichloroethane	8.234	62	47698	21.473	ug/l	100
43) Isopropyl Acetate	8.271	43	46005	23.203	ug/l #	95
44) Trichloroethene	8.941	130	46205	22.156	ug/l	93
45) 1,2-Dichloropropane	9.216	63	34487	23.688	ug/l	98
46) Dibromomethane	9.307	93	21493	22.052	ug/l	93
47) Bromodichloromethane	9.496	83	55217	22.506	ug/l	97
48) Methyl methacrylate	9.295	41	20406	22.337	ug/l	90
49) 1,4-Dioxane	9.301	88	6277	472.632	ug/l	89
51) 4-Methyl-2-Pentanone	10.069	43	124811	118.053	ug/l	94
52) Toluene	10.246	92	102416	22.046	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	56829	22.144	ug/l	98
54) cis-1,3-Dichloropropene	9.929	75	62128	22.480	ug/l	99
55) 1,1,2-Trichloroethane	10.642	97	31382	22.662	ug/l	96
56) Ethyl methacrylate	10.508	69	41048	22.595	ug/l	95
57) 1,3-Dichloropropane	10.789	76	52601	23.259	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.783	63	67698	112.618	ug/l	92
59) 2-Hexanone	10.831	43	92234	114.586	ug/l	94
60) Dibromochloromethane	10.984	129	41563	22.630	ug/l	98
61) 1,2-Dibromoethane	11.087	107	29993	22.446	ug/l	99
64) Tetrachloroethene	10.721	164	51304	22.906	ug/l	96
65) Chlorobenzene	11.514	112	111260	22.154	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	42566	22.455	ug/l	98
67) Ethyl Benzene	11.593	91	198471	22.112	ug/l	98
68) m/p-Xylenes	11.703	106	157462	44.370	ug/l	98
69) o-Xylene	12.032	106	75222	22.192	ug/l	97
70) Styrene	12.044	104	127684	22.545	ug/l	99
71) Bromoform	12.209	173	27225	22.479	ug/l #	98
73) Isopropylbenzene	12.331	105	202202	22.209	ug/l	99
74) N-amyl acetate	12.142	43	39642	22.211	ug/l	94
75) 1,1,2,2-Tetrachloroethane	12.581	83	33015	23.022	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	28258m	24.339	ug/l	
77) Bromobenzene	12.611	156	48327	22.059	ug/l	94
78) n-propylbenzene	12.672	91	235099	22.067	ug/l	98
79) 2-Chlorotoluene	12.758	91	133370	22.140	ug/l	99
80) 1,3,5-Trimethylbenzene	12.813	105	174240	22.014	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.380	75	13021	23.108	ug/l	97
82) 4-Chlorotoluene	12.855	91	140767	22.247	ug/l	98
83) tert-Butylbenzene	13.075	119	148491	21.526	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	171722	22.000	ug/l	99
85) sec-Butylbenzene	13.251	105	215505	21.942	ug/l	98
86) p-Isopropyltoluene	13.367	119	187026	21.795	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	96361	22.115	ug/l	99
88) 1,4-Dichlorobenzene	13.447	146	95302	21.931	ug/l	100
89) n-Butylbenzene	13.697	91	162122	21.801	ug/l	98
90) Hexachloroethane	13.965	117	34210	22.084	ug/l	96
91) 1,2-Dichlorobenzene	13.739	146	85162	21.904	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6437	21.720	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	51929	20.845	ug/l	97
94) Hexachlorobutadiene	15.111	225	31638	21.093	ug/l	99
95) Naphthalene	15.239	128	98646	20.062	ug/l	100
96) 1,2,3-Trichlorobenzene	15.428	180	43409	20.249	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

