

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011923\
 Data File : VY012256.D
 Acq On : 19 Jan 2023 11:28
 Operator : KP/MD
 Sample : VY0119SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0119SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 01/20/2023
 Supervised By :Mahesh Dadoda 01/20/2023

Quant Time: Jan 20 03:22:31 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	221325	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	337236	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	305643	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	156638	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	89334	48.584	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	97.160%		
35) Dibromofluoromethane	7.716	113	82862	46.404	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.800%		
50) Toluene-d8	10.179	98	305218	49.269	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	98.540%		
62) 4-Bromofluorobenzene	12.483	95	115851	46.023	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	92.040%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.906	85	42455	21.950	ug/l	98
3) Chloromethane	2.113	50	36532	20.460	ug/l	98
4) Vinyl Chloride	2.253	62	44035	21.129	ug/l	98
5) Bromomethane	2.650	94	32271	20.028	ug/l	96
6) Chloroethane	2.790	64	28750	21.152	ug/l	95
7) Trichlorofluoromethane	3.125	101	84163	20.691	ug/l	98
8) Diethyl Ether	3.527	74	25661	21.201	ug/l	84
9) 1,1,2-Trichlorotrifluo...	3.899	101	42551	21.494	ug/l	95
10) Methyl Iodide	4.088	142	54092	17.980	ug/l	97
11) Tert butyl alcohol	4.966	59	27492m	119.872	ug/l	
12) 1,1-Dichloroethene	3.875	96	43084	21.195	ug/l	93
13) Acrolein	3.735	56	12513	139.027	ug/l	97
14) Allyl chloride	4.479	41	53364	21.232	ug/l #	89
15) Acrylonitrile	5.161	53	57161	108.120	ug/l	100
16) Acetone	3.954	43	61401	99.630	ug/l	97
17) Carbon Disulfide	4.192	76	130890	20.818	ug/l	100
18) Methyl Acetate	4.479	43	29305	21.250	ug/l #	87
19) Methyl tert-butyl Ether	5.222	73	118484	20.910	ug/l	97
20) Methylene Chloride	4.716	84	56377	16.530	ug/l	91
21) trans-1,2-Dichloroethene	5.222	96	47047	20.741	ug/l	94
22) Diisopropyl ether	6.119	45	109203	21.793	ug/l #	89
23) Vinyl Acetate	6.064	43	337150	107.978	ug/l #	90
24) 1,1-Dichloroethane	6.015	63	72898	20.974	ug/l	98
25) 2-Butanone	6.990	43	74976	110.198	ug/l	92
26) 2,2-Dichloropropane	6.984	77	77680	20.589	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	52416	21.037	ug/l	94
28) Bromochloromethane	7.332	49	15625	20.585	ug/l #	74
29) Tetrahydrofuran	7.350	42	41782	111.799	ug/l #	85
30) Chloroform	7.508	83	86035	20.970	ug/l	100
31) Cyclohexane	7.783	56	68157	21.121	ug/l #	88
32) 1,1,1-Trichloroethane	7.704	97	81999	20.188	ug/l	98
36) 1,1-Dichloropropene	7.917	75	62672	20.651	ug/l	98
37) Ethyl Acetate	7.076	43	30420	22.738	ug/l #	95
38) Carbon Tetrachloride	7.899	117	78608	20.056	ug/l	98
39) Methylcyclohexane	9.185	83	78932	21.283	ug/l	94
40) Benzene	8.161	78	182903	20.882	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	13726m	17.455	ug/l	
42) 1,2-Dichloroethane	8.234	62	56552	20.280	ug/l	100
43) Isopropyl Acetate	8.277	43	54278	21.807	ug/l	95
44) Trichloroethene	8.941	130	54149	20.683	ug/l	98
45) 1,2-Dichloropropane	9.216	63	39744	21.745	ug/l	100
46) Dibromomethane	9.307	93	26346	21.532	ug/l	96
47) Bromodichloromethane	9.496	83	62600	20.325	ug/l	97
48) Methyl methacrylate	9.295	41	23930	20.866	ug/l	89
49) 1,4-Dioxane	9.313	88	7190	431.249	ug/l #	89
51) 4-Methyl-2-Pentanone	10.069	43	147679	111.268	ug/l	95
52) Toluene	10.246	92	120497	20.661	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	65267	20.259	ug/l	99
54) cis-1,3-Dichloropropene	9.929	75	72417	20.872	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	37213	21.406	ug/l	97
56) Ethyl methacrylate	10.508	69	48846	21.418	ug/l	92
57) 1,3-Dichloropropane	10.788	76	61043	21.501	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	81651	108.199	ug/l	90
59) 2-Hexanone	10.831	43	111776	110.616	ug/l	94
60) Dibromochloromethane	10.983	129	47252	20.494	ug/l	99
61) 1,2-Dibromoethane	11.087	107	36240	21.604	ug/l	99
64) Tetrachloroethene	10.721	164	62479	22.402	ug/l	97
65) Chlorobenzene	11.514	112	128725	20.584	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	49677	21.046	ug/l	97
67) Ethyl Benzene	11.593	91	232636	20.815	ug/l	98
68) m/p-Xylenes	11.703	106	181780	41.136	ug/l	100
69) o-Xylene	12.032	106	86698	20.541	ug/l	98
70) Styrene	12.044	104	146915	20.832	ug/l	98
71) Bromoform	12.209	173	32717	21.694	ug/l #	99
73) Isopropylbenzene	12.331	105	234919	20.798	ug/l	98
74) N-amyl acetate	12.142	43	47168	21.303	ug/l	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	38715	21.761	ug/l	99
76) 1,2,3-Trichloropropane	12.630	75	27065m	18.791	ug/l	
77) Bromobenzene	12.611	156	56446	20.768	ug/l	93
78) n-propylbenzene	12.672	91	273107	20.663	ug/l	99
79) 2-Chlorotoluene	12.758	91	154694	20.700	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	203049	20.679	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	15466	22.124	ug/l	98
82) 4-Chlorotoluene	12.855	91	158924	20.246	ug/l	97
83) tert-Butylbenzene	13.075	119	173831	20.312	ug/l	100
84) 1,2,4-Trimethylbenzene	13.123	105	198147	20.463	ug/l	99
85) sec-Butylbenzene	13.251	105	252379	20.713	ug/l	98
86) p-Isopropyltoluene	13.367	119	217426	20.424	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	111192	20.570	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	111109	20.610	ug/l	100
89) n-Butylbenzene	13.696	91	188477	20.430	ug/l	98
90) Hexachloroethane	13.959	117	40035	20.832	ug/l	93
91) 1,2-Dichlorobenzene	13.739	146	100830	20.905	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	8122	22.091	ug/l	94
93) 1,2,4-Trichlorobenzene	15.007	180	62555	20.241	ug/l	99
94) Hexachlorobutadiene	15.111	225	38891	20.901	ug/l	98
95) Naphthalene	15.233	128	128719	21.101	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	54818	20.612	ug/l	100

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

