

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111523\
 Data File : VY016357.D
 Acq On : 15 Nov 2023 10:27
 Operator : SY/MD
 Sample : VY1115SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1115SBS01

Manual Integrations
 APPROVED

Reviewed By :Mahesh Dadoda 11/17/2023
 Supervised By :Semsettin Yesilyurt 11/17/2023

Quant Time: Nov 16 00:01:44 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y110823S.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 09 00:45:52 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.813	168	160170	50.000	ug/l	0.01
34) 1,4-Difluorobenzene	8.709	114	257031	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.508	117	223045	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.440	152	104430	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.161	65	72424	49.474	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	98.940%		
35) Dibromofluoromethane	7.740	113	76355	52.294	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	104.580%		
50) Toluene-d8	10.197	98	298204	50.364	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	100.720%		
62) 4-Bromofluorobenzene	12.495	95	95872	49.854	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	99.700%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	29288	18.675	ug/l	97
3) Chloromethane	2.125	50	31485	17.142	ug/l	98
4) Vinyl Chloride	2.266	62	33303	16.862	ug/l	96
5) Bromomethane	2.668	94	21700	16.718	ug/l	92
6) Chloroethane	2.808	64	22486	17.842	ug/l	98
7) Trichlorofluoromethane	3.143	101	54725	19.045	ug/l	99
8) Diethyl Ether	3.546	74	16330	19.015	ug/l	85
9) 1,1,2-Trichlorotrifluo...	3.924	101	32928	19.026	ug/l	96
10) Methyl Iodide	4.113	142	33568	17.958	ug/l	98
11) Tert butyl alcohol	4.985	59	9604	83.780	ug/l #	81
12) 1,1-Dichloroethene	3.893	96	29593	18.283	ug/l	90
13) Acrolein	3.753	56	12219	88.371	ug/l	99
14) Allyl chloride	4.503	41	41610	18.116	ug/l #	92
15) Acrylonitrile	5.186	53	33723	98.947	ug/l	95
16) Acetone	3.966	43	28175	116.356	ug/l #	84
17) Carbon Disulfide	4.222	76	80364	16.456	ug/l	100
18) Methyl Acetate	4.503	43	24430	18.987	ug/l	92
19) Methyl tert-butyl Ether	5.241	73	73196	18.684	ug/l	98
20) Methylene Chloride	4.747	84	36581	19.244	ug/l #	83
21) trans-1,2-Dichloroethene	5.247	96	33838	18.157	ug/l	92
22) Diisopropyl ether	6.149	45	94786	19.149	ug/l #	86
23) Vinyl Acetate	6.088	43	226446	94.411	ug/l #	91
24) 1,1-Dichloroethane	6.045	63	58873	19.279	ug/l	96
25) 2-Butanone	7.009	43	44916	105.901	ug/l	92
26) 2,2-Dichloropropane	7.002	77	53762	19.343	ug/l	97
27) cis-1,2-Dichloroethene	7.009	96	38009	18.925	ug/l	92
28) Bromochloromethane	7.356	49	22261	19.696	ug/l	89
29) Tetrahydrofuran	7.374	42	25561	91.180	ug/l #	88
30) Chloroform	7.527	83	63515	19.982	ug/l	97
31) Cyclohexane	7.807	56	50836	17.638	ug/l #	82
32) 1,1,1-Trichloroethane	7.728	97	57233	19.642	ug/l	98
36) 1,1-Dichloropropene	7.941	75	47767	18.841	ug/l	100
37) Ethyl Acetate	7.100	43	18387	17.949	ug/l #	93
38) Carbon Tetrachloride	7.923	117	51378	19.526	ug/l	99
39) Methylcyclohexane	9.203	83	56235	17.801	ug/l	91
40) Benzene	8.185	78	137280	19.272	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.332	41	9572	18.532	ug/l	89
42) 1,2-Dichloroethane	8.258	62	36486	19.769	ug/l	93
43) Isopropyl Acetate	8.289	43	37602	18.990	ug/l #	90
44) Trichloroethene	8.959	130	38573	18.842	ug/l	100
45) 1,2-Dichloropropane	9.234	63	33770	19.741	ug/l	96
46) Dibromomethane	9.325	93	18113	19.539	ug/l	97
47) Bromodichloromethane	9.514	83	47633	19.986	ug/l	97
48) Methyl methacrylate	9.313	41	20659	18.878	ug/l	86
49) 1,4-Dioxane	9.319	88	3758	381.846	ug/l #	47
51) 4-Methyl-2-Pentanone	10.087	43	97202	97.075	ug/l	91
52) Toluene	10.258	92	86691	19.253	ug/l	95
53) t-1,3-Dichloropropene	10.477	75	44808	19.394	ug/l	98
54) cis-1,3-Dichloropropene	9.947	75	53972	19.559	ug/l	91
55) 1,1,2-Trichloroethane	10.660	97	25784	20.180	ug/l	92
56) Ethyl methacrylate	10.526	69	23191	19.228	ug/l #	84
57) 1,3-Dichloropropane	10.807	76	43703	20.066	ug/l	97
58) 2-Chloroethyl Vinyl ether	9.801	63	77586	94.868	ug/l	93
59) 2-Hexanone	10.849	43	78414	105.282	ug/l	89
60) Dibromochloromethane	11.002	129	32829	20.544	ug/l	100
61) 1,2-Dibromoethane	11.105	107	23952	19.677	ug/l	99
64) Tetrachloroethene	10.734	164	38949	19.448	ug/l	94
65) Chlorobenzene	11.532	112	93216	19.561	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.605	131	35440	20.163	ug/l	99
67) Ethyl Benzene	11.605	91	165883	19.369	ug/l	100
68) m/p-Xylenes	11.715	106	126451	38.928	ug/l	96
69) o-Xylene	12.044	106	58987	19.558	ug/l	96
70) Styrene	12.056	104	84932	19.667	ug/l	98
71) Bromoform	12.221	173	18662	20.462	ug/l #	96
73) Isopropylbenzene	12.343	105	162115	19.170	ug/l	100
74) N-amyl acetate	12.160	43	30437	17.919	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.599	83	27101	19.972	ug/l	99
76) 1,2,3-Trichloropropane	12.648	75	21481m	21.443	ug/l	
77) Bromobenzene	12.623	156	37304	19.518	ug/l	93
78) n-propylbenzene	12.684	91	193154	19.327	ug/l	100
79) 2-Chlorotoluene	12.770	91	106404	19.320	ug/l	99
80) 1,3,5-Trimethylbenzene	12.825	105	131839	19.337	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.392	75	8714	18.881	ug/l	92
82) 4-Chlorotoluene	12.867	91	110758	19.462	ug/l	99
83) tert-Butylbenzene	13.087	119	119033	19.821	ug/l	97
84) 1,2,4-Trimethylbenzene	13.136	105	130865	19.493	ug/l	98
85) sec-Butylbenzene	13.270	105	165430	19.282	ug/l	100
86) p-Isopropyltoluene	13.385	119	144046	19.498	ug/l	98
87) 1,3-Dichlorobenzene	13.379	146	71587	19.469	ug/l	100
88) 1,4-Dichlorobenzene	13.459	146	70464	19.608	ug/l	98
89) n-Butylbenzene	13.709	91	132184	19.375	ug/l	97
90) Hexachloroethane	13.971	117	27807	19.512	ug/l	90
91) 1,2-Dichlorobenzene	13.751	146	62062	19.697	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.367	75	3825	17.717	ug/l	86
93) 1,2,4-Trichlorobenzene	15.019	180	35226	19.153	ug/l	98
94) Hexachlorobutadiene	15.123	225	21309	20.223	ug/l	99
95) Naphthalene	15.251	128	60569	18.413	ug/l	100
96) 1,2,3-Trichlorobenzene	15.440	180	29273	19.243	ug/l	98

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

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