

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY112222\
 Data File : VY011543.D
 Acq On : 22 Nov 2022 13:17
 Operator : KP/MD
 Sample : VY1122SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1122SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 11/23/2022
 Supervised By :Mahesh Dadoda 11/25/2022

Quant Time: Nov 23 04:06:53 2022
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y111822S.M
 Quant Title : SW846 8260
 QLast Update : Sat Nov 19 22:37:14 2022
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	186673	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	297358	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	271688	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134714	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	90581	47.788	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	95.580%		
35) Dibromofluoromethane	7.722	113	88227	48.198	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	96.400%		
50) Toluene-d8	10.179	98	310390	46.662	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery =	93.320%		
62) 4-Bromofluorobenzene	12.483	95	118310	48.105	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery =	96.200%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	29710	26.200	ug/l	98
3) Chloromethane	2.113	50	40452	23.105	ug/l	97
4) Vinyl Chloride	2.253	62	45696	21.643	ug/l	97
5) Bromomethane	2.643	94	31277	20.879	ug/l	95
6) Chloroethane	2.796	64	29143	19.783	ug/l	95
7) Trichlorofluoromethane	3.125	101	68901	22.247	ug/l	91
8) Diethyl Ether	3.527	74	22683	22.661	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	40169	22.430	ug/l	95
10) Methyl Iodide	4.094	142	42520	20.379	ug/l	95
11) Tert butyl alcohol	4.948	59	22310	89.419	ug/l	97
12) 1,1-Dichloroethene	3.875	96	37113	22.623	ug/l	83
13) Acrolein	3.729	56	8125	162.569	ug/l	97
14) Allyl chloride	4.485	41	65025	22.580	ug/l	94
15) Acrylonitrile	5.161	53	60799	111.208	ug/l	99
16) Acetone	3.948	43	62640	101.741	ug/l	95
17) Carbon Disulfide	4.198	76	103809	22.832	ug/l	100
18) Methyl Acetate	4.478	43	35259	23.471	ug/l	95
19) Methyl tert-butyl Ether	5.216	73	102914	21.982	ug/l	98
20) Methylene Chloride	4.716	84	56652	17.569	ug/l	92
21) trans-1,2-Dichloroethene	5.222	96	41009	21.633	ug/l	92
22) Diisopropyl ether	6.118	45	141255	22.471	ug/l	97
23) Vinyl Acetate	6.064	43	408424	111.539	ug/l	98
24) 1,1-Dichloroethane	6.021	63	79327	21.493	ug/l	98
25) 2-Butanone	6.984	43	88899	109.868	ug/l	95
26) 2,2-Dichloropropane	6.984	77	72004	21.138	ug/l	97
27) cis-1,2-Dichloroethene	6.990	96	47765	21.402	ug/l	94
28) Bromochloromethane	7.332	49	31092	20.969	ug/l	96
29) Tetrahydrofuran	7.350	42	51956	113.701	ug/l	95
30) Chloroform	7.508	83	81459	21.282	ug/l	99
31) Cyclohexane	7.789	56	69244	22.040	ug/l #	93
32) 1,1,1-Trichloroethane	7.704	97	73247	21.392	ug/l	98
36) 1,1-Dichloropropene	7.917	75	61733	21.575	ug/l	99
37) Ethyl Acetate	7.076	43	36851	22.617	ug/l	97
38) Carbon Tetrachloride	7.899	117	66223	20.687	ug/l	94
39) Methylcyclohexane	9.185	83	70026	21.930	ug/l	95
40) Benzene	8.161	78	174476	20.933	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.313	41	17036m	20.680	ug/l	
42) 1,2-Dichloroethane	8.240	62	52778	20.475	ug/l	94
43) Isopropyl Acetate	8.277	43	62223	21.169	ug/l	94
44) Trichloroethene	8.941	130	46018	20.520	ug/l	95
45) 1,2-Dichloropropane	9.215	63	44604	20.936	ug/l	98
46) Dibromomethane	9.307	93	24675	20.714	ug/l	96
47) Bromodichloromethane	9.496	83	60914	20.301	ug/l	99
48) Methyl methacrylate	9.295	41	28148	21.560	ug/l	89
49) 1,4-Dioxane	9.301	88	6284	425.967	ug/l	91
51) 4-Methyl-2-Pentanone	10.069	43	174810	106.986	ug/l	95
52) Toluene	10.246	92	111213	21.100	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	61271	20.428	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	71253	21.117	ug/l	89
55) 1,1,2-Trichloroethane	10.642	97	35766	20.986	ug/l	96
56) Ethyl methacrylate	10.514	69	44385	20.940	ug/l	87
57) 1,3-Dichloropropane	10.788	76	60841	21.079	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	113556	109.392	ug/l	98
59) 2-Hexanone	10.831	43	123342	105.765	ug/l	93
60) Dibromochloromethane	10.983	129	42483	20.341	ug/l	99
61) 1,2-Dibromoethane	11.093	107	32095	20.632	ug/l	98
64) Tetrachloroethene	10.721	164	44733	19.980	ug/l	94
65) Chlorobenzene	11.514	112	118068	20.753	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.587	131	44616	20.691	ug/l	98
67) Ethyl Benzene	11.593	91	210854	20.526	ug/l	97
68) m/p-Xylenes	11.703	106	163824	41.895	ug/l	96
69) o-Xylene	12.032	106	76316	20.962	ug/l	95
70) Styrene	12.044	104	128512	20.680	ug/l	98
71) Bromoform	12.209	173	26538	20.230	ug/l #	98
73) Isopropylbenzene	12.331	105	207795	21.328	ug/l	99
74) N-amyl acetate	12.142	43	53404	22.197	ug/l #	93
75) 1,1,2,2-Tetrachloroethane	12.581	83	40357	21.021	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	32652m	22.507	ug/l	
77) Bromobenzene	12.611	156	47386	20.829	ug/l	99
78) n-propylbenzene	12.672	91	256908	21.614	ug/l	100
79) 2-Chlorotoluene	12.757	91	141329	21.096	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	177571	21.621	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	14315	21.612	ug/l	91
82) 4-Chlorotoluene	12.855	91	144282	20.597	ug/l	100
83) tert-Butylbenzene	13.075	119	149344	20.877	ug/l	96
84) 1,2,4-Trimethylbenzene	13.123	105	173557	21.397	ug/l	99
85) sec-Butylbenzene	13.251	105	230112	21.559	ug/l	99
86) p-Isopropyltoluene	13.367	119	186626	20.951	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	93652	20.223	ug/l	98
88) 1,4-Dichlorobenzene	13.446	146	92766	20.033	ug/l	98
89) n-Butylbenzene	13.696	91	174311	21.287	ug/l	99
90) Hexachloroethane	13.958	117	36386	20.228	ug/l	89
91) 1,2-Dichlorobenzene	13.739	146	83664	20.381	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	6718	21.337	ug/l	92
93) 1,2,4-Trichlorobenzene	15.007	180	44812	19.681	ug/l	98
94) Hexachlorobutadiene	15.111	225	28584	20.195	ug/l	98
95) Naphthalene	15.233	128	87608	20.898	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	39105	20.040	ug/l	99

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

