

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061623\
 Data File : VY014204.D
 Acq On : 16 Jun 2023 15:34
 Operator : KP/MD
 Sample : VY0616SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0616SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/19/2023
 Supervised By :Mahesh Dadoda 06/19/2023

Quant Time: Jun 16 23:20:45 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y060923S.M
 Quant Title : SW846 8260
 QLast Update : Fri Jun 09 18:07:13 2023
 Response via : Initial Calibration

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

Internal Standards						
1) Pentafluorobenzene	7.783	168	197227	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.685	114	294777	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	283473	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	159111	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.136	65	132148	48.117	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	96.240%		
35) Dibromofluoromethane	7.710	113	112515	53.822	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	107.640%		
50) Toluene-d8	10.179	98	382318	48.918	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	97.840%		
62) 4-Bromofluorobenzene	12.477	95	154202	55.542	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	111.080%		
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.900	85	47899	21.792	ug/l	99
3) Chloromethane	2.107	50	51966	18.645	ug/l	99
4) Vinyl Chloride	2.247	62	54101	19.966	ug/l	98
5) Bromomethane	2.625	94	41655	18.631	ug/l	98
6) Chloroethane	2.784	64	34376	18.670	ug/l	100
7) Trichlorofluoromethane	3.113	101	94184	21.395	ug/l	98
8) Diethyl Ether	3.521	74	28634	19.480	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.893	101	48461	21.813	ug/l	99
10) Methyl Iodide	4.088	142	47705	16.261	ug/l	96
11) Tert butyl alcohol	4.942	59	56989	172.923	ug/l #	91
12) 1,1-Dichloroethene	3.863	96	45044	20.003	ug/l	96
13) Acrolein	3.729	56	19557	139.802	ug/l	100
14) Allyl chloride	4.472	41	75050	18.386	ug/l	96
15) Acrylonitrile	5.155	53	75428	99.485	ug/l	97
16) Acetone	3.936	43	85518	103.301	ug/l	99
17) Carbon Disulfide	4.186	76	123220	16.886	ug/l	99
18) Methyl Acetate	4.472	43	61533	19.149	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	131065	19.734	ug/l	98
20) Methylene Chloride	4.704	84	78750	28.236	ug/l	97
21) trans-1,2-Dichloroethene	5.210	96	47867	19.058	ug/l	96
22) Diisopropyl ether	6.112	45	156201	19.986	ug/l	99
23) Vinyl Acetate	6.051	43	447620	97.071	ug/l	99
24) 1,1-Dichloroethane	6.009	63	90007	19.974	ug/l	98
25) 2-Butanone	6.978	43	108205	106.182	ug/l	100
26) 2,2-Dichloropropane	6.978	77	90474	21.377	ug/l	98
27) cis-1,2-Dichloroethene	6.978	96	56337	20.051	ug/l	99
28) Bromochloromethane	7.332	49	37379	20.398	ug/l	98
29) Tetrahydrofuran	7.338	42	67007	103.695	ug/l	99
30) Chloroform	7.496	83	99670	20.849	ug/l	99
31) Cyclohexane	7.783	56	74828	20.339	ug/l	97
32) 1,1,1-Trichloroethane	7.697	97	91072	21.122	ug/l	99
36) 1,1-Dichloropropene	7.911	75	69435	21.305	ug/l	99
37) Ethyl Acetate	7.076	43	47183	20.982	ug/l	99
38) Carbon Tetrachloride	7.893	117	83096	22.094	ug/l	97
39) Methylcyclohexane	9.179	83	75859	20.979	ug/l	98
40) Benzene	8.155	78	203341	20.982	ug/l	99

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41) Methacrylonitrile	7.301	41	22452m	19.564	ug/l	
42) 1,2-Dichloroethane	8.234	62	71491	20.861	ug/l	98
43) Isopropyl Acetate	8.271	43	82114	20.834	ug/l	99
44) Trichloroethene	8.935	130	55533	21.447	ug/l	97
45) 1,2-Dichloropropane	9.216	63	52576	21.359	ug/l	100
46) Dibromomethane	9.301	93	31830	21.007	ug/l	98
47) Bromodichloromethane	9.490	83	75822	21.371	ug/l	99
48) Methyl methacrylate	9.289	41	38238	20.801	ug/l	98
49) 1,4-Dioxane	9.295	88	9327	484.433	ug/l #	66
51) 4-Methyl-2-Pentanone	10.069	43	224927	105.044	ug/l	100
52) Toluene	10.240	92	128467	21.384	ug/l	98
53) t-1,3-Dichloropropene	10.459	75	78490	21.015	ug/l	98
54) cis-1,3-Dichloropropene	9.923	75	83969	20.606	ug/l	93
55) 1,1,2-Trichloroethane	10.642	97	43322	21.556	ug/l	97
56) Ethyl methacrylate	10.508	69	56153	20.256	ug/l	98
57) 1,3-Dichloropropane	10.788	76	70664	20.558	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.782	63	76175	83.076	ug/l	97
59) 2-Hexanone	10.831	43	166456	107.631	ug/l	98
60) Dibromochloromethane	10.983	129	55551	21.596	ug/l	99
61) 1,2-Dibromoethane	11.087	107	41323	20.833	ug/l	99
64) Tetrachloroethene	10.715	164	52004	21.523	ug/l	97
65) Chlorobenzene	11.514	112	139908	20.540	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.587	131	57573	21.490	ug/l	99
67) Ethyl Benzene	11.587	91	252319	21.163	ug/l	100
68) m/p-Xylenes	11.697	106	198212	43.222	ug/l	98
69) o-Xylene	12.026	106	89604	20.666	ug/l	98
70) Styrene	12.038	104	156050	21.088	ug/l	99
71) Bromoform	12.203	173	38639	21.059	ug/l #	100
73) Isopropylbenzene	12.325	105	250857	20.667	ug/l	98
74) N-amyl acetate	12.142	43	73970	19.231	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	52592	19.391	ug/l	97
76) 1,2,3-Trichloropropane	12.630	75	36733m	17.597	ug/l	
77) Bromobenzene	12.605	156	63067	19.769	ug/l	94
78) n-propylbenzene	12.666	91	304563	20.543	ug/l	100
79) 2-Chlorotoluene	12.751	91	171940	20.156	ug/l	99
80) 1,3,5-Trimethylbenzene	12.806	105	209943	20.200	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.373	75	19296	19.981	ug/l	99
82) 4-Chlorotoluene	12.849	91	180099	19.923	ug/l	99
83) tert-Butylbenzene	13.075	119	182317	20.643	ug/l	100
84) 1,2,4-Trimethylbenzene	13.117	105	214448	20.845	ug/l	100
85) sec-Butylbenzene	13.251	105	268337	20.898	ug/l	99
86) p-Isopropyltoluene	13.367	119	227598	20.711	ug/l	99
87) 1,3-Dichlorobenzene	13.367	146	124537	20.446	ug/l	100
88) 1,4-Dichlorobenzene	13.440	146	125539	20.456	ug/l	99
89) n-Butylbenzene	13.690	91	214075	21.003	ug/l	99
90) Hexachloroethane	13.959	117	45202	20.642	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	112577	20.578	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	9915	19.197	ug/l	96
93) 1,2,4-Trichlorobenzene	15.001	180	70884	20.454	ug/l	99
94) Hexachlorobutadiene	15.111	225	44900	22.441	ug/l	97
95) Naphthalene	15.233	128	134784	19.161	ug/l	100
96) 1,2,3-Trichlorobenzene	15.422	180	63006	20.120	ug/l	99

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

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