

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY062123\
 Data File : VY014329.D
 Acq On : 21 Jun 2023 12:37
 Operator : KP/MD
 Sample : VY0621SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY0621SBS01

Manual Integrations
 APPROVED

Reviewed By :Krupa Patel 06/22/2023
 Supervised By :Mahesh Dadoda 06/22/2023

Quant Time: Jun 22 01:56:06 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	7.789	168	223313	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	330992	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.489	117	316082	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	182134	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.142	65	143404	46.116	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery =	92.240%		
35) Dibromofluoromethane	7.716	113	118177	50.345	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery =	100.700%		
50) Toluene-d8	10.179	98	404581	46.103	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	92.200%		
62) 4-Bromofluorobenzene	12.483	95	164607	52.803	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery =	105.600%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	48775	19.598	ug/l	93
3) Chloromethane	2.113	50	45845	14.528	ug/l	96
4) Vinyl Chloride	2.247	62	47962	15.632	ug/l	92
5) Bromomethane	2.631	94	37144	14.673	ug/l	98
6) Chloroethane	2.784	64	31423	15.072	ug/l	96
7) Trichlorofluoromethane	3.119	101	95269	19.114	ug/l	100
8) Diethyl Ether	3.527	74	29058	17.459	ug/l	96
9) 1,1,2-Trichlorotrifluo...	3.893	101	49848	19.816	ug/l	99
10) Methyl Iodide	4.088	142	46721	14.065	ug/l	99
11) Tert butyl alcohol	4.954	59	65224	175.034	ug/l #	89
12) 1,1-Dichloroethene	3.869	96	45332	17.779	ug/l	95
13) Acrolein	3.729	56	19396	115.645	ug/l	100
14) Allyl chloride	4.472	41	75548	16.346	ug/l	99
15) Acrylonitrile	5.155	53	93278	108.657	ug/l	99
16) Acetone	3.948	43	104013	110.965	ug/l	97
17) Carbon Disulfide	4.192	76	116318	14.078	ug/l	96
18) Methyl Acetate	4.472	43	76247	20.957	ug/l	98
19) Methyl tert-butyl Ether	5.216	73	142433	18.940	ug/l	98
20) Methylene Chloride	4.704	84	67646	20.489	ug/l	91
21) trans-1,2-Dichloroethene	5.216	96	48127	16.923	ug/l	97
22) Diisopropyl ether	6.118	45	157697	17.821	ug/l	97
23) Vinyl Acetate	6.057	43	480558	92.040	ug/l	98
24) 1,1-Dichloroethane	6.015	63	92062	18.044	ug/l	99
25) 2-Butanone	6.984	43	139398	120.812	ug/l	97
26) 2,2-Dichloropropane	6.978	77	94540	19.728	ug/l	99
27) cis-1,2-Dichloroethene	6.984	96	56178	17.659	ug/l	98
28) Bromochloromethane	7.332	49	36827	17.749	ug/l	94
29) Tetrahydrofuran	7.344	42	85355	116.659	ug/l	99
30) Chloroform	7.502	83	101280	18.711	ug/l	98
31) Cyclohexane	7.783	56	75728	18.179	ug/l	94
32) 1,1,1-Trichloroethane	7.703	97	92772	19.003	ug/l	99
36) 1,1-Dichloropropene	7.923	75	68977	18.849	ug/l	98
37) Ethyl Acetate	7.076	43	54415	21.550	ug/l	96
38) Carbon Tetrachloride	7.899	117	86648	20.518	ug/l	99
39) Methylcyclohexane	9.185	83	77031	18.972	ug/l	95
40) Benzene	8.161	78	200123	18.390	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	32481m	25.206	ug/l	
42) 1,2-Dichloroethane	8.234	62	74598	19.386	ug/l	100
43) Isopropyl Acetate	8.270	43	95236	21.520	ug/l	99
44) Trichloroethene	8.941	130	56133	19.307	ug/l	99
45) 1,2-Dichloropropane	9.215	63	50840	18.394	ug/l	100
46) Dibromomethane	9.307	93	33752	19.838	ug/l	98
47) Bromodichloromethane	9.496	83	76968	19.321	ug/l	97
48) Methyl methacrylate	9.295	41	42211	20.450	ug/l	95
49) 1,4-Dioxane	9.295	88	10462	483.930	ug/l #	60
51) 4-Methyl-2-Pentanone	10.069	43	283008	117.707	ug/l	98
52) Toluene	10.246	92	128191	19.003	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	84132	20.061	ug/l	96
54) cis-1,3-Dichloropropene	9.929	75	86005	18.796	ug/l	100
55) 1,1,2-Trichloroethane	10.642	97	47262	20.943	ug/l	97
56) Ethyl methacrylate	10.508	69	65294	20.977	ug/l	94
57) 1,3-Dichloropropane	10.788	76	76774	19.892	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	91818	87.077	ug/l	96
59) 2-Hexanone	10.831	43	213374	122.872	ug/l	99
60) Dibromochloromethane	10.983	129	60768	21.039	ug/l	99
61) 1,2-Dibromoethane	11.093	107	46138	20.716	ug/l	99
64) Tetrachloroethene	10.721	164	59133	21.948	ug/l	98
65) Chlorobenzene	11.520	112	140634	18.517	ug/l	98
66) 1,1,1,2-Tetrachloroethane	11.593	131	58391	19.547	ug/l	98
67) Ethyl Benzene	11.593	91	251793	18.940	ug/l	100
68) m/p-Xylenes	11.703	106	195733	38.278	ug/l	98
69) o-Xylene	12.032	106	91820	18.993	ug/l	99
70) Styrene	12.044	104	160745	19.481	ug/l	99
71) Bromoform	12.209	173	44476	21.740	ug/l #	100
73) Isopropylbenzene	12.331	105	249145	17.931	ug/l	100
74) N-amyl acetate	12.142	43	86173	19.571	ug/l	97
75) 1,1,2,2-Tetrachloroethane	12.581	83	60322	19.430	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	40880m	17.108	ug/l	
77) Bromobenzene	12.611	156	64638	17.700	ug/l	97
78) n-propylbenzene	12.672	91	311416	18.350	ug/l	100
79) 2-Chlorotoluene	12.757	91	173516	17.769	ug/l	97
80) 1,3,5-Trimethylbenzene	12.812	105	217492	18.281	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.379	75	22105	19.996	ug/l	95
82) 4-Chlorotoluene	12.855	91	186057	17.980	ug/l	98
83) tert-Butylbenzene	13.074	119	184301	18.230	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	214062	18.177	ug/l	100
85) sec-Butylbenzene	13.257	105	281518	19.153	ug/l	100
86) p-Isopropyltoluene	13.373	119	234890	18.672	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	129131	18.520	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	129350	18.413	ug/l	99
89) n-Butylbenzene	13.696	91	219427	18.807	ug/l	99
90) Hexachloroethane	13.958	117	46629	18.602	ug/l	95
91) 1,2-Dichlorobenzene	13.739	146	116158	18.549	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	13236	22.388	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	72370	18.243	ug/l	98
94) Hexachlorobutadiene	15.111	225	45938	20.058	ug/l	97
95) Naphthalene	15.239	128	156237	19.403	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	66927	18.670	ug/l	98

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

