

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061923\
 Data File : VY014272.D
 Acq On : 20 Jun 2023 09:43
 Operator : KP/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 52 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Manual Integrations
 APPROVED

Reviewed By : Semsettin Yesilyurt 06/20/2023
 Supervised By : Mahesh Dadoda 06/20/2023

Quant Time: Jun 20 11:25:43 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	7.795	168	187964	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	300732	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	293401	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	160482	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	137077	52.371	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 104.740%			
35) Dibromofluoromethane	7.722	113	119719	56.134	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 112.260%			
50) Toluene-d8	10.185	98	399030	50.045	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 100.100%			
62) 4-Bromofluorobenzene	12.483	95	163934	57.878	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 115.760%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.906	85	94243	44.989	ug/l	99
3) Chloromethane	2.113	50	114744	43.199	ug/l	100
4) Vinyl Chloride	2.253	62	116235	45.010	ug/l	93
5) Bromomethane	2.637	94	90027	42.252	ug/l	98
6) Chloroethane	2.790	64	78255	44.595	ug/l	94
7) Trichlorofluoromethane	3.125	101	208866	49.785	ug/l	98
8) Diethyl Ether	3.534	74	71182	50.812	ug/l	99
9) 1,1,2-Trichlorotrifluo...	3.899	101	108206	51.104	ug/l	100
10) Methyl Iodide	4.094	142	127661	45.660	ug/l	97
11) Tert butyl alcohol	4.960	59	95503	320.996	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	105515	49.165	ug/l	95
14) Allyl chloride	4.479	41	185076	47.575	ug/l	99
15) Acrylonitrile	5.167	53	218430	302.293	ug/l	100
16) Acetone	3.948	43	184712	234.117	ug/l	98
17) Carbon Disulfide	4.198	76	325505	46.805	ug/l	98
18) Methyl Acetate	4.485	43	318783	104.096	ug/l	100
19) Methyl tert-butyl Ether	5.222	73	345774	54.628	ug/l	98
20) Methylene Chloride	4.716	84	149635	60.133	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	124620	52.062	ug/l	99
22) Diisopropyl ether	6.125	45	407860	54.758	ug/l	93
23) Vinyl Acetate	6.064	43	666146	151.580	ug/l	99
24) 1,1-Dichloroethane	6.021	63	228958	53.314	ug/l	97
25) 2-Butanone	6.990	43	297169	305.983	ug/l	99
26) 2,2-Dichloropropane	6.984	77	167513	41.530	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	143772	53.692	ug/l	99
28) Bromochloromethane	7.338	49	97037	55.563	ug/l	98
29) Tetrahydrofuran	7.350	42	201158	326.638	ug/l	99
30) Chloroform	7.508	83	252065	55.326	ug/l	97
31) Cyclohexane	7.789	56	180148	51.378	ug/l	96
32) 1,1,1-Trichloroethane	7.710	97	222017	54.030	ug/l	100
36) 1,1-Dichloropropene	7.923	75	173686	52.237	ug/l	100
37) Ethyl Acetate	7.076	43	111547	48.622	ug/l	99
38) Carbon Tetrachloride	7.905	117	201951	52.633	ug/l	99
39) Methylcyclohexane	9.185	83	191549	51.924	ug/l	98
40) Benzene	8.167	78	522421	52.839	ug/l	98
41) Methacrylonitrile	7.326	41	72358m	61.801	ug/l	

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42) 1,2-Dichloroethane	8.240	62	185737	53.124	ug/l	100
43) Isopropyl Acetate	8.277	43	200892	49.961	ug/l	98
44) Trichloroethene	8.941	130	138119	52.286	ug/l	97
45) 1,2-Dichloropropane	9.222	63	133394	53.117	ug/l	95
46) Dibromomethane	9.307	93	83048	53.723	ug/l	99
47) Bromodichloromethane	9.496	83	197090	54.452	ug/l	98
48) Methyl methacrylate	9.295	41	110899	59.133	ug/l	99
49) 1,4-Dioxane	9.307	88	24092	1226.530	ug/l #	53
51) 4-Methyl-2-Pentanone	10.069	43	680104	311.328	ug/l	100
52) Toluene	10.246	92	327424	53.422	ug/l	99
53) t-1,3-Dichloropropene	10.465	75	192291	50.466	ug/l	97
54) cis-1,3-Dichloropropene	9.929	75	204518	49.195	ug/l	96
55) 1,1,2-Trichloroethane	10.648	97	113956	55.578	ug/l	99
56) Ethyl methacrylate	10.514	69	157542	55.706	ug/l	98
57) 1,3-Dichloropropane	10.794	76	192509	54.897	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.782	63	546453	411.533	ug/l	99
59) 2-Hexanone	10.831	43	483935	306.716	ug/l	100
60) Dibromochloromethane	10.990	129	146993	56.013	ug/l	100
61) 1,2-Dibromoethane	11.093	107	111474	55.088	ug/l	99
64) Tetrachloroethene	10.721	164	148330	59.312	ug/l	96
65) Chlorobenzene	11.520	112	354007	50.214	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	143933	51.907	ug/l	99
67) Ethyl Benzene	11.593	91	640207	51.880	ug/l	99
68) m/p-Xylenes	11.703	106	493116	103.889	ug/l	99
69) o-Xylene	12.032	106	237497	52.923	ug/l	99
70) Styrene	12.044	104	405288	52.916	ug/l	99
71) Bromoform	12.209	173	104186	54.863	ug/l #	100
73) Isopropylbenzene	12.331	105	611104	49.916	ug/l	99
74) N-amyl acetate	12.142	43	134573	34.687	ug/l	99
75) 1,1,2,2-Tetrachloroethane	12.581	83	144921	52.976	ug/l	99
76) 1,2,3-Trichloropropane	12.636	75	123247m	58.536	ug/l	
77) Bromobenzene	12.611	156	159007	49.416	ug/l	98
78) n-propylbenzene	12.672	91	756503	50.591	ug/l	100
79) 2-Chlorotoluene	12.758	91	436318	50.711	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	531509	50.704	ug/l	100
81) trans-1,4-Dichloro-2-b...	12.380	75	44833	46.028	ug/l	99
82) 4-Chlorotoluene	12.855	91	452738	49.654	ug/l	100
83) tert-Butylbenzene	13.075	119	457867	51.399	ug/l	99
84) 1,2,4-Trimethylbenzene	13.123	105	533801	51.443	ug/l	99
85) sec-Butylbenzene	13.257	105	660576	51.005	ug/l	100
86) p-Isopropyltoluene	13.373	119	542619	48.955	ug/l	100
87) 1,3-Dichlorobenzene	13.367	146	306000	49.808	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	301170	48.655	ug/l	100
89) n-Butylbenzene	13.696	91	502703	48.898	ug/l	99
90) Hexachloroethane	13.965	117	113300	51.298	ug/l	99
91) 1,2-Dichlorobenzene	13.739	146	280461	50.829	ug/l	100
92) 1,2-Dibromo-3-Chloropr...	14.355	75	28733	55.156	ug/l	98
93) 1,2,4-Trichlorobenzene	15.007	180	165259	47.278	ug/l	99
94) Hexachlorobutadiene	15.111	225	95077	47.114	ug/l	97
95) Naphthalene	15.239	128	376157	53.018	ug/l	99
96) 1,2,3-Trichlorobenzene	15.422	180	154514	48.919	ug/l	99

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

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