

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY100323\
 Data File : VY015796.D
 Acq On : 03 Oct 2023 10:00
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Oct 04 01:04:28 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y091923S.M
 Quant Title : SW846 8260
 QLast Update : Wed Sep 20 01:39:40 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 10/04/2023
 Supervised By :Semsettin Yesilyurt 10/04/2023

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

Internal Standards						
1) Pentafluorobenzene	7.789	168	158290	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	291399	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	266920	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	134920	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	90225	51.805	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.600%			
35) Dibromofluoromethane	7.722	113	85253	48.880	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 97.760%			
50) Toluene-d8	10.185	98	291096	49.224	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 98.440%			
62) 4-Bromofluorobenzene	12.483	95	112649	48.540	ug/l	0.00
Spiked Amount 50.000	Range 30 - 143		Recovery = 97.080%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.906	85	45440	43.550	ug/l	99
3) Chloromethane	2.113	50	68209	51.818	ug/l	98
4) Vinyl Chloride	2.253	62	75525	50.182	ug/l	99
5) Bromomethane	2.650	94	64080	50.104	ug/l	97
6) Chloroethane	2.790	64	63834	57.223	ug/l	99
7) Trichlorofluoromethane	3.125	101	118806	47.070	ug/l	98
8) Diethyl Ether	3.534	74	65415	60.774	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	73630	46.591	ug/l	95
10) Methyl Iodide	4.095	142	101384	54.307	ug/l	97
11) Tert butyl alcohol	4.985	59	117506	327.387	ug/l #	84
12) 1,1-Dichloroethene	3.869	96	70928	50.933	ug/l	93
13) Acrolein	3.735	56	63627	238.547	ug/l	97
14) Allyl chloride	4.479	41	145082	56.981	ug/l	93
15) Acrylonitrile	5.167	53	232569	294.539	ug/l	98
16) Acetone	3.960	43	242256	259.919	ug/l	91
17) Carbon Disulfide	4.198	76	131548	48.626	ug/l	99
18) Methyl Acetate	4.485	43	206812	66.133	ug/l	95
19) Methyl tert-butyl Ether	5.228	73	356159	62.795	ug/l	99
20) Methylene Chloride	4.716	84	118649	58.999	ug/l	93
21) trans-1,2-Dichloroethene	5.216	96	88700	55.725	ug/l	97
22) Diisopropyl ether	6.125	45	379802	61.983	ug/l	92
23) Vinyl Acetate	6.064	43	1086494	287.271	ug/l	95
24) 1,1-Dichloroethane	6.021	63	195867	58.645	ug/l	97
25) 2-Butanone	6.996	43	364307	276.532	ug/l	98
26) 2,2-Dichloropropane	6.984	77	162419	53.206	ug/l	98
27) cis-1,2-Dichloroethene	6.990	96	126311	59.774	ug/l	95
28) Bromochloromethane	7.338	49	38175	42.129	ug/l	98
29) Tetrahydrofuran	7.350	42	221079	296.904	ug/l	94
30) Chloroform	7.509	83	216284	60.470	ug/l	94
31) Cyclohexane	7.789	56	103765	43.008	ug/l	91
32) 1,1,1-Trichloroethane	7.704	97	166172	56.279	ug/l	99
36) 1,1-Dichloropropene	7.923	75	124070	48.111	ug/l	99
37) Ethyl Acetate	7.076	43	134609	52.331	ug/l	96
38) Carbon Tetrachloride	7.899	117	137375	49.076	ug/l	98
39) Methylcyclohexane	9.185	83	117147	41.071	ug/l	95
40) Benzene	8.161	78	420231	53.435	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.307	41	72305m	52.205	ug/l	
42) 1,2-Dichloroethane	8.240	62	147444	54.744	ug/l	94
43) Isopropyl Acetate	8.277	43	243914	55.512	ug/l	98
44) Trichloroethene	8.941	130	117716	53.593	ug/l	99
45) 1,2-Dichloropropane	9.222	63	122875	56.028	ug/l	98
46) Dibromomethane	9.307	93	78374	55.867	ug/l	95
47) Bromodichloromethane	9.496	83	178958	57.231	ug/l	100
48) Methyl methacrylate	9.295	41	111572	57.850	ug/l	89
49) 1,4-Dioxane	9.313	88	32614	1176.773	ug/l #	51
51) 4-Methyl-2-Pentanone	10.075	43	771534	283.296	ug/l	93
52) Toluene	10.246	92	273470	53.939	ug/l	95
53) t-1,3-Dichloropropene	10.465	75	191572	57.130	ug/l	100
54) cis-1,3-Dichloropropene	9.929	75	204630	56.692	ug/l	91
55) 1,1,2-Trichloroethane	10.648	97	118418	57.600	ug/l	96
56) Ethyl methacrylate	10.514	69	177268	58.510	ug/l #	87
57) 1,3-Dichloropropane	10.795	76	193137	56.020	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.783	63	170601	177.273	ug/l	96
59) 2-Hexanone	10.831	43	582798	278.925	ug/l	90
60) Dibromochloromethane	10.990	129	140697	58.627	ug/l	99
61) 1,2-Dibromoethane	11.093	107	112932	56.150	ug/l	100
64) Tetrachloroethene	10.721	164	123075	53.742	ug/l	97
65) Chlorobenzene	11.520	112	321264	55.140	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.593	131	132353	58.481	ug/l	98
67) Ethyl Benzene	11.593	91	557439	54.739	ug/l	99
68) m/p-Xylenes	11.703	106	421918	109.003	ug/l	96
69) o-Xylene	12.032	106	212473	55.980	ug/l	97
70) Styrene	12.044	104	372099	57.274	ug/l	97
71) Bromoform	12.209	173	99660	60.767	ug/l #	99
73) Isopropylbenzene	12.331	105	547989	54.142	ug/l	100
74) N-amyl acetate	12.148	43	218235	57.369	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	162293	57.615	ug/l	98
76) 1,2,3-Trichloropropane	12.636	75	114328m	53.116	ug/l	
77) Bromobenzene	12.611	156	140843	56.690	ug/l	96
78) n-propylbenzene	12.672	91	660292	53.700	ug/l	100
79) 2-Chlorotoluene	12.758	91	390121	55.661	ug/l	100
80) 1,3,5-Trimethylbenzene	12.812	105	472299	55.740	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.380	75	55887	58.470	ug/l	92
82) 4-Chlorotoluene	12.855	91	403766	55.183	ug/l	99
83) tert-Butylbenzene	13.075	119	420670	56.685	ug/l	97
84) 1,2,4-Trimethylbenzene	13.123	105	478965	56.495	ug/l	98
85) sec-Butylbenzene	13.258	105	595550	53.624	ug/l	100
86) p-Isopropyltoluene	13.373	119	513056	55.304	ug/l	97
87) 1,3-Dichlorobenzene	13.367	146	274923	55.779	ug/l	99
88) 1,4-Dichlorobenzene	13.446	146	275696	55.928	ug/l	99
89) n-Butylbenzene	13.696	91	459450	52.301	ug/l	97
90) Hexachloroethane	13.965	117	103597	57.861	ug/l	90
91) 1,2-Dichlorobenzene	13.745	146	260869	57.335	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	32125	57.423	ug/l	88
93) 1,2,4-Trichlorobenzene	15.007	180	165403	57.745	ug/l	99
94) Hexachlorobutadiene	15.117	225	75300	51.334	ug/l	98
95) Naphthalene	15.239	128	459702	61.549	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	156780	59.302	ug/l	99

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

