

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092523\
 Data File : VY015695.D
 Acq On : 25 Sep 2023 09:50
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050

Quant Time: Sep 26 04:22:17 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 09/26/2023
 Supervised By :Semsettin Yesilyurt 09/26/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	161596	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.697	114	267246	50.000	ug/l	0.01
63) Chlorobenzene-d5	11.495	117	242274	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.434	152	127026	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.148	65	74962	42.161	ug/l	0.01
Spiked Amount 50.000	Range 50 - 163		Recovery =	84.320%		
35) Dibromofluoromethane	7.728	113	73887	46.192	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery =	92.380%		
50) Toluene-d8	10.185	98	232413	42.853	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery =	85.700%		
62) 4-Bromofluorobenzene	12.489	95	94222	44.269	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery =	88.540%		
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	1.912	85	54144	50.831	ug/l	97
3) Chloromethane	2.119	50	67201	50.008	ug/l	97
4) Vinyl Chloride	2.253	62	78958	51.390	ug/l	97
5) Bromomethane	2.655	94	57228	43.141	ug/l	98
6) Chloroethane	2.796	64	58588	51.446	ug/l	100
7) Trichlorofluoromethane	3.131	101	132118	51.273	ug/l	99
8) Diethyl Ether	3.539	74	53635	48.810	ug/l	94
9) 1,1,2-Trichlorotrifluo...	3.905	101	83793	51.937	ug/l	94
10) Methyl Iodide	4.100	142	86993	46.080	ug/l	97
11) Tert butyl alcohol	5.003	59	90713	246.859	ug/l #	82
12) 1,1-Dichloroethene	3.875	96	72250	50.821	ug/l	93
13) Acrolein	3.741	56	71707	263.340	ug/l	99
14) Allyl chloride	4.490	41	129216	49.711	ug/l	93
15) Acrylonitrile	5.179	53	204214	253.337	ug/l	97
16) Acetone	3.966	43	255549	268.572	ug/l	92
17) Carbon Disulfide	4.204	76	139350	50.456	ug/l	98
18) Methyl Acetate	4.490	43	164394	51.494	ug/l	94
19) Methyl tert-butyl Ether	5.234	73	292466	50.510	ug/l	99
20) Methylene Chloride	4.728	84	94286	44.737	ug/l	91
21) trans-1,2-Dichloroethene	5.234	96	82962	51.054	ug/l	92
22) Diisopropyl ether	6.130	45	314360	50.253	ug/l	93
23) Vinyl Acetate	6.069	43	970568	251.370	ug/l	96
24) 1,1-Dichloroethane	6.027	63	169216	49.629	ug/l	98
25) 2-Butanone	7.002	43	329896	245.289	ug/l	96
26) 2,2-Dichloropropane	6.990	77	148730	47.725	ug/l	98
27) cis-1,2-Dichloroethene	6.996	96	108003	50.065	ug/l	94
28) Bromochloromethane	7.344	49	43554	47.082	ug/l	97
29) Tetrahydrofuran	7.362	42	192399	253.101	ug/l	94
30) Chloroform	7.514	83	181198	49.624	ug/l	95
31) Cyclohexane	7.795	56	117656	47.768	ug/l	94
32) 1,1,1-Trichloroethane	7.709	97	153857	51.042	ug/l	98
36) 1,1-Dichloropropene	7.929	75	120840	51.093	ug/l	100
37) Ethyl Acetate	7.088	43	122276	51.832	ug/l	97
38) Carbon Tetrachloride	7.911	117	135035	52.600	ug/l	99
39) Methylcyclohexane	9.191	83	132556	50.673	ug/l	98
40) Benzene	8.167	78	364192	50.495	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.325	41	58670m	46.189	ug/l	
42) 1,2-Dichloroethane	8.246	62	123116	49.842	ug/l	94
43) Isopropyl Acetate	8.282	43	206718	51.298	ug/l	98
44) Trichloroethene	8.947	130	103424	51.341	ug/l	97
45) 1,2-Dichloropropane	9.221	63	101948	50.687	ug/l	96
46) Dibromomethane	9.313	93	66419	51.624	ug/l	95
47) Bromodichloromethane	9.502	83	146621	51.127	ug/l	95
48) Methyl methacrylate	9.301	41	90936	51.411	ug/l	90
49) 1,4-Dioxane	9.319	88	27808	1094.045	ug/l #	51
51) 4-Methyl-2-Pentanone	10.075	43	650590	260.477	ug/l	93
52) Toluene	10.252	92	238889	51.377	ug/l	94
53) t-1,3-Dichloropropene	10.471	75	160727	52.264	ug/l	100
54) cis-1,3-Dichloropropene	9.935	75	169404	51.175	ug/l	91
55) 1,1,2-Trichloroethane	10.654	97	96947	51.418	ug/l	96
56) Ethyl methacrylate	10.514	69	145639	52.415	ug/l #	89
57) 1,3-Dichloropropane	10.794	76	162207	51.301	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	216042	244.779	ug/l	96
59) 2-Hexanone	10.837	43	506739	264.442	ug/l	92
60) Dibromochloromethane	10.989	129	114994	52.247	ug/l	100
61) 1,2-Dibromoethane	11.093	107	95130	51.574	ug/l	98
64) Tetrachloroethene	10.727	164	109607	52.730	ug/l	96
65) Chlorobenzene	11.526	112	269459	50.953	ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.599	131	106581	51.884	ug/l	98
67) Ethyl Benzene	11.599	91	478887	51.809	ug/l	100
68) m/p-Xylenes	11.709	106	368232	104.811	ug/l	95
69) o-Xylene	12.038	106	180747	52.466	ug/l	97
70) Styrene	12.050	104	312030	52.914	ug/l	97
71) Bromoform	12.215	173	81519	54.762	ug/l #	98
73) Isopropylbenzene	12.337	105	480961	50.473	ug/l	100
74) N-amyl acetate	12.148	43	183482	51.230	ug/l #	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	133132	50.200	ug/l	100
76) 1,2,3-Trichloropropane	12.641	75	86515m	42.692	ug/l	
77) Bromobenzene	12.617	156	116653	49.871	ug/l	94
78) n-propylbenzene	12.678	91	575763	49.735	ug/l	100
79) 2-Chlorotoluene	12.763	91	329166	49.882	ug/l	100
80) 1,3,5-Trimethylbenzene	12.818	105	399328	50.057	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.385	75	47422	52.697	ug/l	93
82) 4-Chlorotoluene	12.861	91	342946	49.783	ug/l	100
83) tert-Butylbenzene	13.080	119	353225	50.555	ug/l	98
84) 1,2,4-Trimethylbenzene	13.123	105	404231	50.643	ug/l	99
85) sec-Butylbenzene	13.257	105	523567	50.072	ug/l	100
86) p-Isopropyltoluene	13.373	119	438964	50.257	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	232182	50.034	ug/l	100
88) 1,4-Dichlorobenzene	13.452	146	231672	49.918	ug/l	100
89) n-Butylbenzene	13.702	91	415798	50.273	ug/l	98
90) Hexachloroethane	13.964	117	86102	51.078	ug/l	87
91) 1,2-Dichlorobenzene	13.745	146	215745	50.364	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	26764	50.813	ug/l	89
93) 1,2,4-Trichlorobenzene	15.013	180	135688	50.315	ug/l	98
94) Hexachlorobutadiene	15.117	225	66875	48.424	ug/l	98
95) Naphthalene	15.239	128	372211	52.932	ug/l	99
96) 1,2,3-Trichlorobenzene	15.427	180	125905	50.583	ug/l	99

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

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