

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091523\
 Data File : VY015608.D
 Acq On : 16 Sep 2023 07:26
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 55 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 16 07:45:24 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y082923S.M
 Quant Title : SW846 8260
 QLast Update : Thu Aug 31 20:01:47 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/18/2023
 Supervised By :Semsettin Yesilyurt 09/18/2023

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

Internal Standards						
1) Pentafluorobenzene	7.801	168	199777	50.000	ug/l	0.02
34) 1,4-Difluorobenzene	8.703	114	348169	50.000	ug/l	0.02
63) Chlorobenzene-d5	11.502	117	318210	50.000	ug/l	0.01
72) 1,4-Dichlorobenzene-d4	13.434	152	162843	50.000	ug/l	0.01
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.155	65	109929	51.331	ug/l	0.02
Spiked Amount 50.000	Range 50 - 163		Recovery = 102.660%			
35) Dibromofluoromethane	7.728	113	101188	50.458	ug/l	0.01
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.920%			
50) Toluene-d8	10.191	98	329767	45.409	ug/l	0.01
Spiked Amount 50.000	Range 58 - 134		Recovery = 90.820%			
62) 4-Bromofluorobenzene	12.489	95	134190	49.774	ug/l	0.01
Spiked Amount 50.000	Range 30 - 143		Recovery = 99.540%			
Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.912	85	62927	36.236	ug/l	98
3) Chloromethane	2.119	50	104761	45.424	ug/l	99
4) Vinyl Chloride	2.253	62	120139	44.754	ug/l	98
5) Bromomethane	2.656	94	81547	42.693	ug/l	99
6) Chloroethane	2.796	64	84736	48.024	ug/l	98
7) Trichlorofluoromethane	3.125	101	172074	45.317	ug/l	97
8) Diethyl Ether	3.540	74	74940	57.749	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.905	101	98808	46.949	ug/l	96
10) Methyl Iodide	4.100	142	139222	56.331	ug/l	97
11) Tert butyl alcohol	5.009	59	126691	271.587	ug/l #	82
12) 1,1-Dichloroethene	3.881	96	100041	50.375	ug/l	92
13) Acrolein	3.747	56	127718	216.312	ug/l	98
14) Allyl chloride	4.491	41	174556	55.206	ug/l	96
15) Acrylonitrile	5.186	53	265535	325.184	ug/l	98
16) Acetone	3.972	43	225811	252.617	ug/l	94
17) Carbon Disulfide	4.204	76	288787	48.641	ug/l	98
18) Methyl Acetate	4.497	43	232522	71.817	ug/l	93
19) Methyl tert-butyl Ether	5.240	73	387815	60.084	ug/l	100
20) Methylene Chloride	4.728	84	161851	57.883	ug/l	90
21) trans-1,2-Dichloroethene	5.234	96	122508	53.571	ug/l	96
22) Diisopropyl ether	6.137	45	398228	57.586	ug/l	93
23) Vinyl Acetate	6.076	43	1203189	275.569	ug/l	96
24) 1,1-Dichloroethane	6.033	63	220995	55.282	ug/l	97
25) 2-Butanone	7.002	43	386728	305.033	ug/l	97
26) 2,2-Dichloropropane	6.996	77	154075	45.379	ug/l	97
27) cis-1,2-Dichloroethene	6.996	96	144441	55.677	ug/l	93
28) Bromochloromethane	7.350	49	63323	51.655	ug/l	96
29) Tetrahydrofuran	7.362	42	265400	333.349	ug/l	92
30) Chloroform	7.521	83	237454	56.505	ug/l	98
31) Cyclohexane	7.795	56	178401	46.896	ug/l	92
32) 1,1,1-Trichloroethane	7.716	97	201137	53.586	ug/l	99
36) 1,1-Dichloropropene	7.929	75	170076	48.300	ug/l	99
37) Ethyl Acetate	7.094	43	163013	60.025	ug/l	96
38) Carbon Tetrachloride	7.911	117	177141	48.708	ug/l	99
39) Methylcyclohexane	9.191	83	203752	45.962	ug/l	94
40) Benzene	8.173	78	512550	52.173	ug/l	99

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41) Methacrylonitrile	7.319	41	81839	64.262	ug/l	91
42) 1,2-Dichloroethane	8.246	62	173071	52.831	ug/l	95
43) Isopropyl Acetate	8.283	43	277994	59.197	ug/l	97
44) Trichloroethene	8.953	130	145756	52.438	ug/l	95
45) 1,2-Dichloropropane	9.228	63	132363	53.446	ug/l	94
46) Dibromomethane	9.313	93	90830	55.213	ug/l	95
47) Bromodichloromethane	9.508	83	192013	54.579	ug/l	100
48) Methyl methacrylate	9.307	41	128335	59.562	ug/l	92
49) 1,4-Dioxane	9.325	88	38865	1271.900	ug/l #	49
51) 4-Methyl-2-Pentanone	10.081	43	863801	316.470	ug/l	93
52) Toluene	10.252	92	330941	52.558	ug/l	96
53) t-1,3-Dichloropropene	10.471	75	201380	53.862	ug/l	98
54) cis-1,3-Dichloropropene	9.941	75	212714	52.301	ug/l	93
55) 1,1,2-Trichloroethane	10.654	97	124648	56.234	ug/l	96
56) Ethyl methacrylate	10.520	69	198911	60.556	ug/l	89
57) 1,3-Dichloropropane	10.800	76	211266	55.369	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.788	63	279715	238.573	ug/l	95
59) 2-Hexanone	10.843	43	651993	318.345	ug/l	91
60) Dibromochloromethane	10.996	129	147175	56.727	ug/l	100
61) 1,2-Dibromoethane	11.099	107	128677	57.291	ug/l	100
64) Tetrachloroethene	10.727	164	166884	57.780	ug/l	97
65) Chlorobenzene	11.526	112	363652	53.034	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.599	131	137740	54.881	ug/l	98
67) Ethyl Benzene	11.599	91	638632	51.868	ug/l	99
68) m/p-Xylenes	11.709	106	499216	104.600	ug/l	96
69) o-Xylene	12.038	106	243977	53.490	ug/l	97
70) Styrene	12.050	104	417739	54.470	ug/l	97
71) Bromoform	12.215	173	104675	59.789	ug/l #	99
73) Isopropylbenzene	12.337	105	623784	50.997	ug/l	99
74) N-amyl acetate	12.148	43	240685	58.570	ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.587	83	166075	56.876	ug/l	99
76) 1,2,3-Trichloropropane	12.642	75	141111m	65.345	ug/l	
77) Bromobenzene	12.617	156	154079	53.186	ug/l	95
78) n-propylbenzene	12.678	91	743008	50.201	ug/l	100
79) 2-Chlorotoluene	12.764	91	439372	52.927	ug/l	99
80) 1,3,5-Trimethylbenzene	12.818	105	559826	54.719	ug/l	98
81) trans-1,4-Dichloro-2-b...	12.386	75	53474	54.624	ug/l	95
82) 4-Chlorotoluene	12.861	91	445891	51.681	ug/l	99
83) tert-Butylbenzene	13.081	119	460588	51.399	ug/l	100
84) 1,2,4-Trimethylbenzene	13.129	105	608350	59.888	ug/l	99
85) sec-Butylbenzene	13.257	105	669312	50.077	ug/l	99
86) p-Isopropyltoluene	13.379	119	562482	50.212	ug/l	98
87) 1,3-Dichlorobenzene	13.373	146	294379	51.471	ug/l	99
88) 1,4-Dichlorobenzene	13.452	146	297773	51.506	ug/l	99
89) n-Butylbenzene	13.702	91	525068	49.800	ug/l	95
90) Hexachloroethane	13.971	117	111411	55.609	ug/l	87
91) 1,2-Dichlorobenzene	13.745	146	279839	53.616	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	36715	63.563	ug/l	90
93) 1,2,4-Trichlorobenzene	15.013	180	172066	52.494	ug/l	99
94) Hexachlorobutadiene	15.117	225	85603	47.894	ug/l	98
95) Naphthalene	15.245	128	522011	64.291	ug/l	99
96) 1,2,3-Trichlorobenzene	15.428	180	164189	54.916	ug/l	99

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

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