

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY092524\
 Data File : VY019702.D
 Acq On : 25 Sep 2024 17:57
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 26 04:03:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y090924S.M
 Quant Title : SW846 8260
 QLast Update : Mon Sep 09 16:00:30 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Mahesh Dadoda 09/26/2024
 Supervised By :Semsettin Yesilyurt 09/26/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	311942	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.616	114	553604	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	480546	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	229758	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	160656	55.619	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.240%			
35) Dibromofluoromethane	7.628	113	162594	51.801	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.600%			
50) Toluene-d8	10.109	98	576377	49.646	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 99.300%			
62) 4-Bromofluorobenzene	12.408	95	211858	47.459	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 94.920%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	73627	42.576	ug/l	99
3) Chloromethane	2.068	50	135293	52.421	ug/l	97
4) Vinyl Chloride	2.202	62	159361	57.103	ug/l	100
5) Bromomethane	2.598	94	120761	70.446	ug/l	99
6) Chloroethane	2.732	64	115651	63.392	ug/l	98
7) Trichlorofluoromethane	3.056	101	260513	55.999	ug/l	96
8) Diethyl Ether	3.452	74	89972	57.616	ug/l	88
9) 1,1,2-Trichlorotrifluo...	3.812	101	154165	53.570	ug/l	96
10) Methyl Iodide	4.001	142	184304	49.952	ug/l	93
11) Tert butyl alcohol	4.866	59	70884	303.870	ug/l	# 81
12) 1,1-Dichloroethene	3.787	96	147598	53.330	ug/l	92
13) Acrolein	3.653	56	15950	135.466	ug/l	100
14) Allyl chloride	4.379	41	255691	51.518	ug/l	# 93
15) Acrylonitrile	5.055	53	200317	297.506	ug/l	98
16) Acetone	3.873	43	171456	249.156	ug/l	# 87
17) Carbon Disulfide	4.104	76	372811	49.857	ug/l	99
18) Methyl Acetate	4.385	43	114297	61.204	ug/l	93
19) Methyl tert-butyl Ether	5.116	73	459331	58.599	ug/l	98
20) Methylene Chloride	4.610	84	184876	58.910	ug/l	89
21) trans-1,2-Dichloroethene	5.110	96	169461	55.862	ug/l	87
22) Diisopropyl ether	6.012	45	583434	57.245	ug/l	92
23) Vinyl Acetate	5.958	43	1572396	270.101	ug/l	94
24) 1,1-Dichloroethane	5.909	63	338088	59.115	ug/l	98
25) 2-Butanone	6.890	43	265734	271.512	ug/l	# 88
26) 2,2-Dichloropropane	6.878	77	260316	50.460	ug/l	98
27) cis-1,2-Dichloroethene	6.884	96	220798	59.919	ug/l	92
28) Bromochloromethane	7.244	49	161808	67.243	ug/l	86
29) Tetrahydrofuran	7.256	42	168431	283.041	ug/l	89
30) Chloroform	7.415	83	365299	62.569	ug/l	97
31) Cyclohexane	7.695	56	243154	47.036	ug/l	93
32) 1,1,1-Trichloroethane	7.616	97	304162	58.123	ug/l	96
36) 1,1-Dichloropropene	7.835	75	229142	53.650	ug/l	98
37) Ethyl Acetate	6.982	43	121934	55.719	ug/l	97
38) Carbon Tetrachloride	7.817	117	264701	54.958	ug/l	99
39) Methylcyclohexane	9.109	83	275640	48.495	ug/l	93
40) Benzene	8.079	78	734639	55.845	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	79049	61.967	ug/l #	82
42) 1,2-Dichloroethane	8.152	62	212884	60.139	ug/l	96
43) Isopropyl Acetate	8.195	43	249706	54.312	ug/l #	80
44) Trichloroethene	8.866	130	185943	54.960	ug/l	94
45) 1,2-Dichloropropane	9.140	63	180226	56.039	ug/l	99
46) Dibromomethane	9.231	93	103057	58.598	ug/l	95
47) Bromodichloromethane	9.420	83	277261	58.648	ug/l	99
48) Methyl methacrylate	9.219	41	115472	53.185	ug/l	85
49) 1,4-Dioxane	9.231	88	24311	1174.220	ug/l #	89
51) 4-Methyl-2-Pentanone	9.999	43	642676	277.851	ug/l	92
52) Toluene	10.170	92	476219	56.287	ug/l	99
53) t-1,3-Dichloropropene	10.396	75	240652	53.400	ug/l	100
54) cis-1,3-Dichloropropene	9.853	75	281450	53.634	ug/l #	88
55) 1,1,2-Trichloroethane	10.573	97	143990	59.286	ug/l	98
56) Ethyl methacrylate	10.438	69	206226	55.897	ug/l #	82
57) 1,3-Dichloropropane	10.719	76	241756	57.908	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.713	63	498220	290.957	ug/l	100
59) 2-Hexanone	10.762	43	434351	256.141	ug/l	90
60) Dibromochloromethane	10.908	129	185679	57.794	ug/l	100
61) 1,2-Dibromoethane	11.018	107	128339	56.713	ug/l	99
64) Tetrachloroethene	10.646	164	177359	59.601	ug/l	95
65) Chlorobenzene	11.444	112	529241	55.989	ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	184610	56.407	ug/l	98
67) Ethyl Benzene	11.517	91	937499	55.818	ug/l	100
68) m/p-Xylenes	11.627	106	696895	109.732	ug/l	94
69) o-Xylene	11.956	106	342064	55.074	ug/l	95
70) Styrene	11.969	104	585551	55.839	ug/l	96
71) Bromoform	12.133	173	103381	55.304	ug/l #	97
73) Isopropylbenzene	12.255	105	901722	54.098	ug/l	99
74) N-amyl acetate	12.072	43	221414	48.843	ug/l #	90
75) 1,1,2,2-Tetrachloroethane	12.505	83	164369	55.558	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	97415m	45.236	ug/l	
77) Bromobenzene	12.530	156	201392	54.478	ug/l	91
78) n-propylbenzene	12.597	91	1054830	53.392	ug/l	99
79) 2-Chlorotoluene	12.682	91	622648	54.080	ug/l	95
80) 1,3,5-Trimethylbenzene	12.737	105	720775	53.191	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	50183	44.735	ug/l	89
82) 4-Chlorotoluene	12.779	91	634848	53.634	ug/l	96
83) tert-Butylbenzene	12.999	119	666355	54.320	ug/l	96
84) 1,2,4-Trimethylbenzene	13.042	105	718827	53.591	ug/l	97
85) sec-Butylbenzene	13.176	105	945635	53.063	ug/l	99
86) p-Isopropyltoluene	13.292	119	767532	52.641	ug/l	96
87) 1,3-Dichlorobenzene	13.285	146	388764	54.120	ug/l	98
88) 1,4-Dichlorobenzene	13.365	146	381811	53.558	ug/l	97
89) n-Butylbenzene	13.615	91	703152	50.446	ug/l	99
90) Hexachloroethane	13.877	117	158990	52.407	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	352426	54.980	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.273	75	24941	50.582	ug/l	84
93) 1,2,4-Trichlorobenzene	14.919	180	183909	47.172	ug/l	97
94) Hexachlorobutadiene	15.023	225	94892	45.561	ug/l	99
95) Naphthalene	15.145	128	378891	48.530	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	157995	47.378	ug/l	98

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

