

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY091324\
 Data File : VY019554.D
 Acq On : 13 Sep 2024 21:02
 Operator : SY/MD
 Sample : VSTDCCC050
 Misc : 4.50g/5.0mL/MSVOA_Y/SOIL/A
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VSTDCCC050EC

Quant Time: Sep 14 04:44:37 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 :Semsettin Yesilyurt 09/16/2024
 Supervised By :Mahesh Dadoda 09/16/2024

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

Internal Standards						
1) Pentafluorobenzene	7.707	168	351331	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	637504	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.414	117	557661	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	264328	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.060	65	204201	62.768	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 125.540%			
35) Dibromofluoromethane	7.628	113	201415	55.724	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 111.440%			
50) Toluene-d8	10.109	98	745517	55.763	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.520%			
62) 4-Bromofluorobenzene	12.401	95	269991	52.521	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 105.040%			
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.866	85	79725	40.761	ug/l	98
3) Chloromethane	2.068	50	141865	48.805	ug/l	100
4) Vinyl Chloride	2.202	62	164887	52.459	ug/l	98
5) Bromomethane	2.598	94	118281	61.264	ug/l	98
6) Chloroethane	2.732	64	119465	58.141	ug/l	100
7) Trichlorofluoromethane	3.055	101	264477	50.478	ug/l	99
8) Diethyl Ether	3.452	74	89842	51.083	ug/l	86
9) 1,1,2-Trichlorotrifluo...	3.811	101	152587	47.077	ug/l	94
10) Methyl Iodide	4.000	142	193495	46.563	ug/l	93
11) Tert butyl alcohol	4.866	59	69638	265.060	ug/l	# 77
12) 1,1-Dichloroethene	3.787	96	153506	49.247	ug/l	85
13) Acrolein	3.647	56	27427	214.833	ug/l	99
14) Allyl chloride	4.378	41	269054	48.132	ug/l	# 93
15) Acrylonitrile	5.055	53	201691	265.964	ug/l	99
16) Acetone	3.866	43	164188	211.845	ug/l	# 86
17) Carbon Disulfide	4.098	76	416139	49.412	ug/l	99
18) Methyl Acetate	4.384	43	112784	53.623	ug/l	# 89
19) Methyl tert-butyl Ether	5.110	73	460522	52.164	ug/l	99
20) Methylene Chloride	4.610	84	181553	51.365	ug/l	88
21) trans-1,2-Dichloroethene	5.104	96	175591	51.394	ug/l	90
22) Diisopropyl ether	6.012	45	587782	51.206	ug/l	92
23) Vinyl Acetate	5.951	43	1656803	252.692	ug/l	94
24) 1,1-Dichloroethane	5.908	63	335146	52.031	ug/l	97
25) 2-Butanone	6.890	43	264711	240.144	ug/l	89
26) 2,2-Dichloropropane	6.878	77	265348	45.669	ug/l	97
27) cis-1,2-Dichloroethene	6.884	96	219989	53.007	ug/l	92
28) Bromochloromethane	7.237	49	154051	56.842	ug/l	85
29) Tetrahydrofuran	7.256	42	178560	266.422	ug/l	87
30) Chloroform	7.414	83	354818	53.961	ug/l	98
31) Cyclohexane	7.695	56	259917	44.642	ug/l	95
32) 1,1,1-Trichloroethane	7.615	97	307183	52.120	ug/l	97
36) 1,1-Dichloropropene	7.829	75	235870	47.957	ug/l	96
37) Ethyl Acetate	6.981	43	125055	49.624	ug/l	97
38) Carbon Tetrachloride	7.817	117	262435	47.317	ug/l	100
39) Methylcyclohexane	9.109	83	289784	44.274	ug/l	90
40) Benzene	8.079	78	742472	49.012	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.213	41	74577	50.768	ug/l #	83
42) 1,2-Dichloroethane	8.152	62	210684	51.685	ug/l	96
43) Isopropyl Acetate	8.195	43	254844	48.135	ug/l	91
44) Trichloroethene	8.865	130	185058	47.500	ug/l	91
45) 1,2-Dichloropropane	9.140	63	180200	48.657	ug/l	98
46) Dibromomethane	9.231	93	102611	50.666	ug/l	95
47) Bromodichloromethane	9.420	83	275957	50.690	ug/l	99
48) Methyl methacrylate	9.219	41	117376	46.947	ug/l	84
49) 1,4-Dioxane	9.231	88	23430	982.733	ug/l #	77
51) 4-Methyl-2-Pentanone	9.999	43	661022	248.172	ug/l	91
52) Toluene	10.170	92	483186	49.594	ug/l	99
53) t-1,3-Dichloropropene	10.395	75	243430	46.907	ug/l	97
54) cis-1,3-Dichloropropene	9.853	75	284119	47.017	ug/l #	89
55) 1,1,2-Trichloroethane	10.572	97	139629	49.925	ug/l	95
56) Ethyl methacrylate	10.438	69	208067	48.974	ug/l #	80
57) 1,3-Dichloropropane	10.719	76	239513	49.821	ug/l	100
58) 2-Chloroethyl Vinyl ether	9.713	63	534841	271.237	ug/l	98
59) 2-Hexanone	10.761	43	451698	231.314	ug/l	89
60) Dibromochloromethane	10.908	129	184492	49.867	ug/l	97
61) 1,2-Dibromoethane	11.011	107	129732	49.784	ug/l	99
64) Tetrachloroethene	10.645	164	175266	50.753	ug/l	95
65) Chlorobenzene	11.438	112	525500	47.905	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	181589	47.811	ug/l	99
67) Ethyl Benzene	11.517	91	945093	48.489	ug/l	99
68) m/p-Xylenes	11.627	106	706097	95.807	ug/l	94
69) o-Xylene	11.956	106	342977	47.585	ug/l	94
70) Styrene	11.968	104	589252	48.422	ug/l	96
71) Bromoform	12.133	173	102674	47.330	ug/l #	98
73) Isopropylbenzene	12.255	105	909753	47.442	ug/l	99
74) N-amyl acetate	12.072	43	246479	47.261	ug/l #	88
75) 1,1,2,2-Tetrachloroethane	12.505	83	165800	48.712	ug/l	100
76) 1,2,3-Trichloropropane	12.554	75	120759m	48.742	ug/l	
77) Bromobenzene	12.529	156	200410	47.122	ug/l	90
78) n-propylbenzene	12.596	91	1074652	47.281	ug/l	99
79) 2-Chlorotoluene	12.682	91	626361	47.287	ug/l	96
80) 1,3,5-Trimethylbenzene	12.736	105	736295	47.230	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.304	75	52891	40.983	ug/l	91
82) 4-Chlorotoluene	12.779	91	641255	47.090	ug/l	96
83) tert-Butylbenzene	12.999	119	669549	47.442	ug/l	96
84) 1,2,4-Trimethylbenzene	13.041	105	730449	47.335	ug/l	97
85) sec-Butylbenzene	13.175	105	956285	46.643	ug/l	99
86) p-Isopropyltoluene	13.291	119	786131	46.865	ug/l	97
87) 1,3-Dichlorobenzene	13.285	146	391714	47.399	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	385700	47.028	ug/l	97
89) n-Butylbenzene	13.614	91	735773	45.882	ug/l	99
90) Hexachloroethane	13.877	117	162875	46.666	ug/l	92
91) 1,2-Dichlorobenzene	13.657	146	350200	47.487	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	27156	47.872	ug/l	81
93) 1,2,4-Trichlorobenzene	14.919	180	194477	43.359	ug/l	98
94) Hexachlorobutadiene	15.017	225	101872	42.515	ug/l	98
95) Naphthalene	15.138	128	417678	46.501	ug/l	99
96) 1,2,3-Trichlorobenzene	15.321	180	170723	44.499	ug/l	98

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

