

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY110124\
 Data File : VY020109.D
 Acq On : 01 Nov 2024 09:02
 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: Nov 01 16:01:56 2024
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y103024S.M
 Quant Title : SW846 8260
 QLast Update : Thu Oct 31 15:23:13 2024
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By :Romaben Patel 11/04/2024
 Supervised By :Mahesh Dadoda 11/04/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	249316	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.615	114	428486	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	369253	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.346	152	173771	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.061	65	131068	42.122	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	84.240%
35) Dibromofluoromethane	7.640	113	121523	44.607	ug/l	0.00
Spiked Amount	50.000	Range	54 - 147	Recovery	=	89.220%
50) Toluene-d8	10.109	98	503523	46.433	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	92.860%
62) 4-Bromofluorobenzene	12.407	95	163151	46.320	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	92.640%
Target Compounds						
						Qvalue
2) Dichlorodifluoromethane	1.867	85	103755	44.957	ug/l	99
3) Chloromethane	2.074	50	183874	48.100	ug/l	99
4) Vinyl Chloride	2.208	62	204090	49.731	ug/l	98
5) Bromomethane	2.598	94	124253	45.603	ug/l	98
6) Chloroethane	2.738	64	132822	50.150	ug/l	96
7) Trichlorofluoromethane	3.061	101	250729	50.012	ug/l	99
8) Diethyl Ether	3.458	74	65824	47.075	ug/l	75
9) 1,1,2-Trichlorotrifluo...	3.824	101	141418	50.292	ug/l	90
10) Methyl Iodide	4.006	142	138545	51.032	ug/l	# 89
11) Tert butyl alcohol	4.848	59	45722	204.280	ug/l	# 81
12) 1,1-Dichloroethene	3.793	96	135668	50.426	ug/l	# 80
13) Acrolein	3.653	56	49918	179.161	ug/l	95
14) Allyl chloride	4.384	41	249945	51.492	ug/l	# 88
15) Acrylonitrile	5.055	53	148658	233.558	ug/l	97
16) Acetone	3.866	43	212926	294.249	ug/l	# 83
17) Carbon Disulfide	4.110	76	448537	50.097	ug/l	97
18) Methyl Acetate	4.378	43	78833	46.432	ug/l	# 86
19) Methyl tert-butyl Ether	5.116	73	331934	49.040	ug/l	97
20) Methylene Chloride	4.616	84	144763	44.533	ug/l	# 77
21) trans-1,2-Dichloroethene	5.110	96	151067	49.788	ug/l	# 84
22) Diisopropyl ether	6.024	45	522074	51.829	ug/l	92
23) Vinyl Acetate	5.963	43	1410686	248.850	ug/l	# 91
24) 1,1-Dichloroethane	5.921	63	296321	50.804	ug/l	95
25) 2-Butanone	6.896	43	255711	260.690	ug/l	# 83
26) 2,2-Dichloropropane	6.890	77	250251	51.567	ug/l	94
27) cis-1,2-Dichloroethene	6.896	96	175182	50.225	ug/l	82
28) Bromochloromethane	7.244	49	139004	50.896	ug/l	# 71
29) Tetrahydrofuran	7.262	42	138004	243.788	ug/l	# 81
30) Chloroform	7.420	83	293762	50.754	ug/l	97
31) Cyclohexane	7.707	56	274576	48.626	ug/l	85
32) 1,1,1-Trichloroethane	7.622	97	258842	51.223	ug/l	# 92
36) 1,1-Dichloropropene	7.841	75	223136	53.021	ug/l	94
37) Ethyl Acetate	6.981	43	95438	47.566	ug/l	96
38) Carbon Tetrachloride	7.823	117	228364	53.962	ug/l	99
39) Methylcyclohexane	9.109	83	286901	53.715	ug/l	# 85
40) Benzene	8.085	78	647965	52.750	ug/l	99

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Reviewed By :Romaben Patel 11/04/2024
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.219	41	47880	47.637	ug/l	92
42) 1,2-Dichloroethane	8.158	62	172643	50.776	ug/l	94
43) Isopropyl Acetate	8.195	43	193394	50.124	ug/l #	76
44) Trichloroethene	8.865	130	148107	52.023	ug/l	82
45) 1,2-Dichloropropane	9.140	63	156945	53.403	ug/l	99
46) Dibromomethane	9.231	93	79520	49.936	ug/l #	88
47) Bromodichloromethane	9.420	83	218191	52.302	ug/l	99
48) Methyl methacrylate	9.219	41	91503	51.200	ug/l #	81
49) 1,4-Dioxane	9.225	88	15722	958.964	ug/l #	81
51) 4-Methyl-2-Pentanone	9.999	43	514849	258.970	ug/l	88
52) Toluene	10.170	92	412045	54.417	ug/l	100
53) t-1,3-Dichloropropene	10.396	75	191112	51.879	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	233637	53.136	ug/l #	85
55) 1,1,2-Trichloroethane	10.572	97	102827	51.934	ug/l	96
56) Ethyl methacrylate	10.438	69	147441	51.913	ug/l #	73
57) 1,3-Dichloropropane	10.719	76	184774	50.960	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	357913	255.530	ug/l	92
59) 2-Hexanone	10.761	43	392089	275.094	ug/l	86
60) Dibromochloromethane	10.914	129	129607	51.353	ug/l	98
61) 1,2-Dibromoethane	11.017	107	91961	49.992	ug/l	97
64) Tetrachloroethene	10.645	164	130582	53.560	ug/l	93
65) Chlorobenzene	11.444	112	423317	53.803	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.517	131	134552	53.527	ug/l	99
67) Ethyl Benzene	11.517	91	801085	54.467	ug/l	98
68) m/p-Xylenes	11.627	106	586451	108.985	ug/l	90
69) o-Xylene	11.956	106	280820	55.122	ug/l	94
70) Styrene	11.968	104	464361	55.127	ug/l	95
71) Bromoform	12.133	173	68045	52.765	ug/l #	98
73) Isopropylbenzene	12.255	105	762652	54.939	ug/l	98
74) N-amyl acetate	12.072	43	180993	52.159	ug/l #	86
75) 1,1,2,2-Tetrachloroethane	12.505	83	119350	49.160	ug/l	98
76) 1,2,3-Trichloropropane	12.554	75	86679m	53.213	ug/l	
77) Bromobenzene	12.535	156	146147	52.057	ug/l	83
78) n-propylbenzene	12.596	91	947658	54.852	ug/l	97
79) 2-Chlorotoluene	12.682	91	515022	53.704	ug/l	94
80) 1,3,5-Trimethylbenzene	12.737	105	612104	54.924	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	38573	50.935	ug/l #	84
82) 4-Chlorotoluene	12.779	91	531989	54.407	ug/l	94
83) tert-Butylbenzene	12.999	119	549415	56.378	ug/l	95
84) 1,2,4-Trimethylbenzene	13.041	105	611640	55.410	ug/l	96
85) sec-Butylbenzene	13.175	105	836517	55.915	ug/l	97
86) p-Isopropyltoluene	13.291	119	673934	56.136	ug/l	95
87) 1,3-Dichlorobenzene	13.285	146	304362	53.366	ug/l	97
88) 1,4-Dichlorobenzene	13.364	146	294983	51.937	ug/l	96
89) n-Butylbenzene	13.614	91	673966	56.002	ug/l	97
90) Hexachloroethane	13.883	117	128597	54.163	ug/l	86
91) 1,2-Dichlorobenzene	13.657	146	260231	52.494	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.273	75	17606	47.819	ug/l	73
93) 1,2,4-Trichlorobenzene	14.919	180	135617	50.925	ug/l	98
94) Hexachlorobutadiene	15.023	225	77794	53.421	ug/l	99
95) Naphthalene	15.145	128	235683	47.344	ug/l	99
96) 1,2,3-Trichlorobenzene	15.328	180	109649	48.504	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
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(#) = qualifier out of range (m) = manual integration (+) = signals summed

