

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
 Data File : VY020276.D
 Acq On : 13 Nov 2024 10:21
 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: Nov 14 00:53:58 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

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

Internal Standards						
1) Pentafluorobenzene	7.719	168	274170	50.000	ug/l	# 0.01
34) 1,4-Difluorobenzene	8.622	114	476232	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	352799	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	165760	50.000	ug/l	0.00

System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	170279	49.763	ug/l	0.00
Spiked Amount	50.000	Range	50 - 163	Recovery	=	99.520%
35) Dibromofluoromethane	7.646	113	165399	54.626	ug/l	0.01
Spiked Amount	50.000	Range	54 - 147	Recovery	=	109.260%
50) Toluene-d8	10.115	98	543736	45.115	ug/l	0.00
Spiked Amount	50.000	Range	58 - 134	Recovery	=	90.220%
62) 4-Bromofluorobenzene	12.407	95	183357	46.838	ug/l	0.00
Spiked Amount	50.000	Range	29 - 146	Recovery	=	93.680%

Target Compounds					Qvalue	
2) Dichlorodifluoromethane	1.867	85	110004	43.344	ug/l	99
3) Chloromethane	2.074	50	188823	44.917	ug/l	100
4) Vinyl Chloride	2.214	62	204533	45.321	ug/l	99
5) Bromomethane	2.604	94	118363	39.503	ug/l	95
6) Chloroethane	2.745	64	133490	45.833	ug/l	98
7) Trichlorofluoromethane	3.068	101	304729	55.273	ug/l	93
8) Diethyl Ether	3.464	74	89592	58.265	ug/l	77
9) 1,1,2-Trichlorotrifluo...	3.830	101	155533	50.297	ug/l	93
10) Methyl Iodide	4.019	142	176580	59.146	ug/l	91
11) Tert butyl alcohol	4.884	59	49649	201.716	ug/l	# 78
12) 1,1-Dichloroethene	3.799	96	152336	51.488	ug/l	# 81
13) Acrolein	3.659	56	42732	139.466	ug/l	96
14) Allyl chloride	4.391	41	263419	49.348	ug/l	# 90
15) Acrylonitrile	5.067	53	190207	271.745	ug/l	98
16) Acetone	3.878	43	245894	309.005	ug/l	# 81
17) Carbon Disulfide	4.116	76	444722	45.168	ug/l	99
18) Methyl Acetate	4.391	43	91167	48.829	ug/l	90
19) Methyl tert-butyl Ether	5.128	73	425185	57.123	ug/l	99
20) Methylene Chloride	4.628	84	155167	43.407	ug/l	# 84
21) trans-1,2-Dichloroethene	5.128	96	181640	54.437	ug/l	86
22) Diisopropyl ether	6.031	45	585881	52.891	ug/l	# 92
23) Vinyl Acetate	5.970	43	1551483	248.877	ug/l	# 90
24) 1,1-Dichloroethane	5.927	63	316562	49.354	ug/l	97
25) 2-Butanone	6.902	43	264873	245.551	ug/l	# 83
26) 2,2-Dichloropropane	6.896	77	269477	50.495	ug/l	95
27) cis-1,2-Dichloroethene	6.902	96	189854	49.497	ug/l	84
28) Bromochloromethane	7.256	49	146993	48.942	ug/l	# 74
29) Tetrahydrofuran	7.268	42	148230	238.115	ug/l	# 83
30) Chloroform	7.427	83	319011	50.120	ug/l	99
31) Cyclohexane	7.713	56	275762	44.409	ug/l	89
32) 1,1,1-Trichloroethane	7.628	97	299122	53.828	ug/l	95
36) 1,1-Dichloropropene	7.841	75	239222	51.145	ug/l	94
37) Ethyl Acetate	6.994	43	107056	48.007	ug/l	95
38) Carbon Tetrachloride	7.829	117	256512	54.537	ug/l	95
39) Methylcyclohexane	9.115	83	283000	47.672	ug/l	# 86
40) Benzene	8.091	78	697754	51.108	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.232	41	60811	54.437	ug/l	87
42) 1,2-Dichloroethane	8.164	62	193052	51.086	ug/l	94
43) Isopropyl Acetate	8.201	43	213928	49.887	ug/l #	90
44) Trichloroethene	8.871	130	164163	51.881	ug/l	87
45) 1,2-Dichloropropane	9.146	63	164385	50.326	ug/l	98
46) Dibromomethane	9.237	93	87599	49.495	ug/l	89
47) Bromodichloromethane	9.426	83	252167	54.387	ug/l	99
48) Methyl methacrylate	9.225	41	97424	49.048	ug/l #	83
49) 1,4-Dioxane	9.237	88	16253	891.961	ug/l #	93
51) 4-Methyl-2-Pentanone	10.005	43	510579	231.074	ug/l	90
52) Toluene	10.176	92	387125	46.000	ug/l	100
53) t-1,3-Dichloropropene	10.402	75	186457	45.540	ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	241463	49.410	ug/l #	84
55) 1,1,2-Trichloroethane	10.579	97	100185	45.527	ug/l	95
56) Ethyl methacrylate	10.444	69	145832	46.199	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	182929	45.393	ug/l	99
58) 2-Chloroethyl Vinyl ether	9.719	63	385019	247.323	ug/l	92
59) 2-Hexanone	10.761	43	372523	235.162	ug/l	87
60) Dibromochloromethane	10.914	129	131091	46.733	ug/l	98
61) 1,2-Dibromoethane	11.017	107	91252	44.633	ug/l	99
64) Tetrachloroethene	10.652	164	133848	57.460	ug/l	93
65) Chlorobenzene	11.444	112	400066	53.219	ug/l	97
66) 1,1,1,2-Tetrachloroethane	11.517	131	133798	55.709	ug/l	99
67) Ethyl Benzene	11.523	91	751230	53.460	ug/l	99
68) m/p-Xylenes	11.633	106	554203	107.795	ug/l	92
69) o-Xylene	11.956	106	261045	53.630	ug/l	92
70) Styrene	11.975	104	439641	54.627	ug/l	95
71) Bromoform	12.139	173	69768	56.624	ug/l #	96
73) Isopropylbenzene	12.261	105	706803	53.377	ug/l	97
74) N-amyl acetate	12.078	43	168825	51.003	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	115584	49.910	ug/l	98
76) 1,2,3-Trichloropropane	12.560	75	81397m	52.385	ug/l	
77) Bromobenzene	12.535	156	143238	53.487	ug/l	84
78) n-propylbenzene	12.603	91	867417	52.634	ug/l	96
79) 2-Chlorotoluene	12.682	91	483792	52.886	ug/l	94
80) 1,3,5-Trimethylbenzene	12.743	105	570314	53.647	ug/l	96
81) trans-1,4-Dichloro-2-b...	12.310	75	37642	52.108	ug/l #	81
82) 4-Chlorotoluene	12.779	91	495048	53.075	ug/l	94
83) tert-Butylbenzene	13.005	119	506272	54.461	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	564807	53.640	ug/l	96
85) sec-Butylbenzene	13.182	105	769721	53.936	ug/l	97
86) p-Isopropyltoluene	13.298	119	611268	53.377	ug/l	95
87) 1,3-Dichlorobenzene	13.291	146	289626	53.236	ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	279778	51.641	ug/l	97
89) n-Butylbenzene	13.621	91	700144	60.989	ug/l	99
90) Hexachloroethane	13.883	117	119349	52.697	ug/l	85
91) 1,2-Dichlorobenzene	13.663	146	291738	61.693	ug/l	98
92) 1,2-Dibromo-3-Chloropr...	14.279	75	17526	49.902	ug/l	74
93) 1,2,4-Trichlorobenzene	14.925	180	125365	49.350	ug/l	97
94) Hexachlorobutadiene	15.029	225	95150	68.498	ug/l	96
95) Naphthalene	15.151	128	284714	59.957	ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	102677	47.615	ug/l	97

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

