

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111224\
 Data File : VY020264.D
 Acq On : 12 Nov 2024 13:24
 Operator : SY/MD
 Sample : VY1112SBS01
 Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 MSVOA_Y
 ClientSampleId :
 VY1112SBS01

Quant Time: Nov 13 00:33:17 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 :Mahesh Dadoda 11/13/2024
 Supervised By :Semsettin Yesilyurt 11/13/2024

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

Internal Standards						
1) Pentafluorobenzene	7.713	168	208627	50.000	ug/l	# 0.00
34) 1,4-Difluorobenzene	8.622	114	372091	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.420	117	324466	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.353	152	148663	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.067	65	145281	55.796	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.600%			
35) Dibromofluoromethane	7.640	113	134100	56.684	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 113.360%			
50) Toluene-d8	10.109	98	523571	55.600	ug/l	0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 111.200%			
62) 4-Bromofluorobenzene	12.408	95	172673	56.453	ug/l	0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 112.900%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.867	85	31828	16.481	ug/l	98
3) Chloromethane	2.074	50	60271	18.841	ug/l	100
4) Vinyl Chloride	2.208	62	69366	20.199	ug/l	94
5) Bromomethane	2.598	94	49992	21.927	ug/l	92
6) Chloroethane	2.739	64	47564	21.461	ug/l	100
7) Trichlorofluoromethane	3.068	101	87970	20.969	ug/l	100
8) Diethyl Ether	3.464	74	25445	21.746	ug/l	87
9) 1,1,2-Trichlorotrifluo...	3.824	101	48465	20.597	ug/l	92
10) Methyl Iodide	4.007	142	44328	19.513	ug/l	91
11) Tert butyl alcohol	4.866	59	17957	95.877	ug/l #	80
12) 1,1-Dichloroethene	3.793	96	44442	19.740	ug/l #	76
13) Acrolein	3.659	56	17856	76.586	ug/l	98
14) Allyl chloride	4.391	41	80540	19.828	ug/l #	88
15) Acrylonitrile	5.067	53	55160	103.564	ug/l	98
16) Acetone	3.879	43	61888	102.205	ug/l #	84
17) Carbon Disulfide	4.110	76	127320	16.994	ug/l	99
18) Methyl Acetate	4.391	43	30060	21.158	ug/l #	88
19) Methyl tert-butyl Ether	5.128	73	119596	21.115	ug/l	95
20) Methylene Chloride	4.622	84	52613	19.342	ug/l #	80
21) trans-1,2-Dichloroethene	5.128	96	50293	19.808	ug/l	88
22) Diisopropyl ether	6.025	45	179999	21.354	ug/l #	86
23) Vinyl Acetate	5.970	43	482196	101.651	ug/l #	91
24) 1,1-Dichloroethane	5.921	63	102613	21.024	ug/l	96
25) 2-Butanone	6.903	43	81890	99.767	ug/l #	85
26) 2,2-Dichloropropane	6.890	77	84346	20.770	ug/l	95
27) cis-1,2-Dichloroethene	6.890	96	60787	20.827	ug/l	83
28) Bromochloromethane	7.250	49	42820	18.736	ug/l #	73
29) Tetrahydrofuran	7.268	42	47488	100.250	ug/l #	83
30) Chloroform	7.427	83	104639	21.605	ug/l	99
31) Cyclohexane	7.707	56	88002	18.624	ug/l	92
32) 1,1,1-Trichloroethane	7.622	97	90288	21.352	ug/l #	94
36) 1,1-Dichloropropene	7.841	75	73714	20.171	ug/l	94
37) Ethyl Acetate	6.994	43	35583	20.422	ug/l	95
38) Carbon Tetrachloride	7.823	117	76446	20.802	ug/l	97
39) Methylcyclohexane	9.116	83	87083	18.775	ug/l	90
40) Benzene	8.085	78	218501	20.484	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.238	41	19841	22.732	ug/l #	84
42) 1,2-Dichloroethane	8.165	62	62110	21.036	ug/l	95
43) Isopropyl Acetate	8.201	43	67212	20.060	ug/l #	78
44) Trichloroethene	8.872	130	53323	21.568	ug/l	98
45) 1,2-Dichloropropane	9.146	63	55008	21.554	ug/l	93
46) Dibromomethane	9.237	93	28835	20.852	ug/l #	86
47) Bromodichloromethane	9.426	83	78517	21.674	ug/l	98
48) Methyl methacrylate	9.225	41	30692	19.777	ug/l	83
49) 1,4-Dioxane	9.237	88	5406	379.715	ug/l #	83
51) 4-Methyl-2-Pentanone	10.000	43	177230	102.658	ug/l	89
52) Toluene	10.170	92	137547	20.919	ug/l	97
53) t-1,3-Dichloropropene	10.396	75	67036	20.955	ug/l	99
54) cis-1,3-Dichloropropene	9.859	75	79959	20.941	ug/l #	84
55) 1,1,2-Trichloroethane	10.573	97	37110	21.584	ug/l #	86
56) Ethyl methacrylate	10.445	69	52233	21.178	ug/l #	75
57) 1,3-Dichloropropane	10.719	76	68330	21.702	ug/l	98
58) 2-Chloroethyl Vinyl ether	9.713	63	120073	98.718	ug/l	91
59) 2-Hexanone	10.762	43	124446	100.546	ug/l	87
60) Dibromochloromethane	10.914	129	46409	21.175	ug/l	100
61) 1,2-Dibromoethane	11.018	107	33765	21.138	ug/l	97
64) Tetrachloroethene	10.646	164	47055	21.964	ug/l	90
65) Chlorobenzene	11.444	112	142686	20.638	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.518	131	47767	21.625	ug/l	97
67) Ethyl Benzene	11.524	91	265258	20.525	ug/l	99
68) m/p-Xylenes	11.633	106	195779	41.405	ug/l	91
69) o-Xylene	11.957	106	92301	20.618	ug/l	92
70) Styrene	11.975	104	156537	21.149	ug/l	96
71) Bromoform	12.133	173	24059	21.232	ug/l #	97
73) Isopropylbenzene	12.255	105	249235	20.986	ug/l	99
74) N-amyl acetate	12.072	43	57849	19.487	ug/l #	87
75) 1,1,2,2-Tetrachloroethane	12.511	83	43069	20.736	ug/l	99
76) 1,2,3-Trichloropropane	12.560	75	33085m	23.741	ug/l	
77) Bromobenzene	12.536	156	49626	20.662	ug/l	81
78) n-propylbenzene	12.597	91	311978	21.108	ug/l	96
79) 2-Chlorotoluene	12.682	91	174246	21.238	ug/l	93
80) 1,3,5-Trimethylbenzene	12.737	105	200896	21.071	ug/l	97
81) trans-1,4-Dichloro-2-b...	12.310	75	13225	20.413	ug/l #	84
82) 4-Chlorotoluene	12.780	91	179120	21.412	ug/l	94
83) tert-Butylbenzene	12.999	119	181873	21.815	ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	200228	21.203	ug/l	97
85) sec-Butylbenzene	13.182	105	272885	21.321	ug/l	97
86) p-Isopropyltoluene	13.298	119	216131	21.043	ug/l	96
87) 1,3-Dichlorobenzene	13.292	146	103170	21.145	ug/l	96
88) 1,4-Dichlorobenzene	13.371	146	101400	20.869	ug/l	96
89) n-Butylbenzene	13.621	91	210775	20.472	ug/l	98
90) Hexachloroethane	13.883	117	42913	21.127	ug/l	83
91) 1,2-Dichlorobenzene	13.664	146	88894	20.960	ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5930	18.826	ug/l	80
93) 1,2,4-Trichlorobenzene	14.925	180	41498	18.214	ug/l	95
94) Hexachlorobutadiene	15.029	225	25429	20.411	ug/l	98
95) Naphthalene	15.151	128	79910	18.763	ug/l	99
96) 1,2,3-Trichlorobenzene	15.334	180	38077	19.689	ug/l	96

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

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