Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY111324\
Data File : VY020278.D
Acq On : 13 Nov 2024 12:43
Operator : SY/MD
Sample : VY1113SBS01
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 5 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY1113SBS01

Quant Time: Nov 14 00:55:24 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	7.713	168	213387	50.000	ug/l	#	0.00
34) 1,4-Difluorobenzene	8.622	114	374930	50.000	ug/l		0.00
63) Chlorobenzene-d5	11.420	117	330277	50.000	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.352	152	207051	50.000	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.067	65	182283	68.445	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 136.880%				
35) Dibromofluoromethane	7.640	113	129903	54.494	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.980%				
50) Toluene-d8	10.109	98	638096	67.249	ug/l		0.00
Spiked Amount 50.000	Range 58 - 134		Recovery = 134.500%#				
62) 4-Bromofluorobenzene	12.408	95	176753	57.350	ug/l		0.00
Spiked Amount 50.000	Range 29 - 146		Recovery = 114.700%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.867	85	32887	16.649	ug/l		99
3) Chloromethane	2.074	50	74312	22.712	ug/l		97
4) Vinyl Chloride	2.214	62	82484	23.483	ug/l		98
5) Bromomethane	2.598	94	48626	20.852	ug/l		95
6) Chloroethane	2.745	64	54433	24.013	ug/l		97
7) Trichlorofluoromethane	3.068	101	127432	29.698	ug/l		99
8) Diethyl Ether	3.458	74	35673	29.808	ug/l		74
9) 1,1,2-Trichlorotrifluo...	3.830	101	75796	31.494	ug/l		92
10) Methyl Iodide	4.019	142	71300	30.685	ug/l		92
11) Tert butyl alcohol	4.878	59	24822	129.574	ug/l	#	91
12) 1,1-Dichloroethene	3.793	96	68617	29.798	ug/l	#	73
13) Acrolein	3.659	56	20759	87.051	ug/l		98
14) Allyl chloride	4.391	41	125237	30.145	ug/l	#	89
15) Acrylonitrile	5.061	53	68631	125.982	ug/l		98
16) Acetone	3.879	43	84757	136.850	ug/l	#	81
17) Carbon Disulfide	4.116	76	189149	24.683	ug/l		97
18) Methyl Acetate	4.397	43	39720	27.334	ug/l	#	87
19) Methyl tert-butyl Ether	5.122	73	152930	26.398	ug/l		92
20) Methylene Chloride	4.628	84	72824	26.175	ug/l	#	75
21) trans-1,2-Dichloroethene	5.128	96	68489	26.373	ug/l		86
22) Diisopropyl ether	6.025	45	181078	21.003	ug/l	#	86
23) Vinyl Acetate	5.970	43	460373	94.885	ug/l	#	89
24) 1,1-Dichloroethane	5.927	63	107970	21.628	ug/l		96
25) 2-Butanone	6.902	43	75525	89.960	ug/l	#	84
26) 2,2-Dichloropropane	6.896	77	90263	21.731	ug/l		95
27) cis-1,2-Dichloroethene	6.902	96	62868	21.059	ug/l		81
28) Bromochloromethane	7.250	49	41162	17.609	ug/l	#	72
29) Tetrahydrofuran	7.268	42	42896	88.536	ug/l	#	82
30) Chloroform	7.427	83	106913	21.582	ug/l		98
31) Cyclohexane	7.707	56	96628	19.993	ug/l		87
32) 1,1,1-Trichloroethane	7.622	97	92862	21.471	ug/l	#	93
36) 1,1-Dichloropropene	7.841	75	75812	20.588	ug/l		95
37) Ethyl Acetate	6.994	43	27593	15.717	ug/l		99
38) Carbon Tetrachloride	7.823	117	79641	21.507	ug/l		96
39) Methylcyclohexane	9.115	83	90794	19.427	ug/l	#	87
40) Benzene	8.091	78	296147	27.553	ug/l		98

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Compound	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Methacrylonitrile	7.238	41	17962	20.424 ug/l #	86
42) 1,2-Dichloroethane	8.164	62	68668	23.081 ug/l	97
43) Isopropyl Acetate	8.201	43	67141	19.887 ug/l #	78
44) Trichloroethene	8.872	130	53796	21.595 ug/l	88
45) 1,2-Dichloropropane	9.146	63	57383	22.314 ug/l	98
46) Dibromomethane	9.237	93	28194	20.234 ug/l	89
47) Bromodichloromethane	9.426	83	79361	21.741 ug/l #	97
48) Methyl methacrylate	9.225	41	30031	19.204 ug/l #	82
49) 1,4-Dioxane	9.243	88	4725	329.369 ug/l #	92
51) 4-Methyl-2-Pentanone	10.006	43	208797	120.027 ug/l	89
52) Toluene	10.176	92	147514	22.264 ug/l	98
53) t-1,3-Dichloropropene	10.396	75	67316	20.884 ug/l	96
54) cis-1,3-Dichloropropene	9.859	75	106585	27.703 ug/l #	83
55) 1,1,2-Trichloroethane	10.579	97	36999	21.356 ug/l	91
56) Ethyl methacrylate	10.444	69	47402	19.074 ug/l #	73
57) 1,3-Dichloropropane	10.719	76	65316	20.587 ug/l	97
58) 2-Chloroethyl Vinyl ether	9.713	63	151443	123.566 ug/l	92
59) 2-Hexanone	10.768	43	110584	88.670 ug/l	86
60) Dibromochloromethane	10.914	129	46309	20.970 ug/l	100
61) 1,2-Dibromoethane	11.018	107	34150	21.217 ug/l	100
64) Tetrachloroethene	10.652	164	49590	22.740 ug/l	96
65) Chlorobenzene	11.444	112	146573	20.828 ug/l	99
66) 1,1,1,2-Tetrachloroethane	11.517	131	50266	22.356 ug/l	95
67) Ethyl Benzene	11.524	91	274241	20.847 ug/l	99
68) m/p-Xylenes	11.633	106	198994	41.345 ug/l	89
69) o-Xylene	11.956	106	95689	20.999 ug/l	91
70) Styrene	11.975	104	160769	21.338 ug/l	96
71) Bromoform	12.133	173	29377	25.468 ug/l #	96
73) Isopropylbenzene	12.261	105	264655	16.001 ug/l	99
74) N-amyl acetate	12.072	43	64599	15.624 ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.511	83	47307	16.354 ug/l	100
76) 1,2,3-Trichloropropane	12.560	75	40286m	20.756 ug/l	
77) Bromobenzene	12.536	156	62629	18.723 ug/l	87
78) n-propylbenzene	12.603	91	359235	17.451 ug/l	96
79) 2-Chlorotoluene	12.682	91	179099	15.674 ug/l	96
80) 1,3,5-Trimethylbenzene	12.743	105	209072	15.745 ug/l	96
81) trans-1,4-Dichloro-2-b...	12.304	75	12522	13.877 ug/l #	84
82) 4-Chlorotoluene	12.779	91	181267	15.558 ug/l	94
83) tert-Butylbenzene	12.999	119	264217	22.755 ug/l	95
84) 1,2,4-Trimethylbenzene	13.048	105	284209	21.609 ug/l	95
85) sec-Butylbenzene	13.182	105	380600	21.351 ug/l	97
86) p-Isopropyltoluene	13.298	119	303415	21.211 ug/l	96
87) 1,3-Dichlorobenzene	13.291	146	141337	20.798 ug/l	97
88) 1,4-Dichlorobenzene	13.371	146	135994	20.096 ug/l	96
89) n-Butylbenzene	13.621	91	270719	18.879 ug/l	99
90) Hexachloroethane	13.889	117	44809	15.839 ug/l	88
91) 1,2-Dichlorobenzene	13.663	146	109283	18.501 ug/l	97
92) 1,2-Dibromo-3-Chloropr...	14.279	75	5344	12.182 ug/l	85
93) 1,2,4-Trichlorobenzene	14.925	180	49305	15.538 ug/l	97
94) Hexachlorobutadiene	15.029	225	25899	14.926 ug/l	97
95) Naphthalene	15.151	128	72991	12.306 ug/l	100
96) 1,2,3-Trichlorobenzene	15.334	180	34375	12.762 ug/l	97

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

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

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