Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY032321\
Data File : VY004167.D
Acq On : 23 Mar 2021 10:42
Operator : SY/MD
Sample : VY0323SBS01
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VY0323SBS01

Manual Integrations APPROVED
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3/24/2021 6:16:32 PM

Quant Time: Mar 24 01:16:55 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 12:28:55 2021
Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	200590	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	313342	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.495	117	284359	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	143252	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.149	65	95802	48.40	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 96.80%				
35) Dibromofluoromethane	7.728	113	91111	51.56	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 103.12%				
50) Toluene-d8	10.185	98	343780	49.63	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 99.26%				
62) 4-Bromofluorobenzene	12.483	95	126274	49.36	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 98.72%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	35972	23.25	ug/l		100
3) Chloromethane	2.119	50	44094	20.53	ug/l		100
4) Vinyl Chloride	2.259	62	49108	20.26	ug/l		99
5) Bromomethane	2.656	94	34762	22.44	ug/l		99
6) Chloroethane	2.802	64	29922	20.27	ug/l		100
7) Trichlorofluoromethane	3.137	101	71210	22.10	ug/l		97
8) Diethyl Ether	3.540	74	22458	21.75	ug/l		84
9) 1,1,2-Trichlorotrifluo...	3.911	101	39349	21.83	ug/l		98
10) Methyl Iodide	4.107	142	39051	21.20	ug/l		99
11) Tert butyl alcohol	4.972	59	18537	103.57	ug/l	#	89
12) 1,1-Dichloroethene	3.887	96	37228	21.11	ug/l		91
13) Acrolein	3.741	56	13025	73.36	ug/l		99
14) Allyl chloride	4.491	41	55298	18.96	ug/l	#	89
15) Acrylonitrile	5.180	53	52890	103.05	ug/l		99
16) Acetone	3.960	43	46565	97.46	ug/l		96
17) Carbon Disulfide	4.210	76	103549	19.97	ug/l		100
18) Methyl Acetate	4.491	43	23576	19.97	ug/l		93
19) Methyl tert-butyl Ether	5.234	73	107570	21.42	ug/l		96
20) Methylene Chloride	4.728	84	43289	19.46	ug/l		91
21) trans-1,2-Dichloroethene	5.234	96	41770	21.08	ug/l		91
22) Diisopropyl ether	6.131	45	117821	19.14	ug/l	#	90
23) Vinyl Acetate	6.076	43	398735	98.37	ug/l		95
24) 1,1-Dichloroethane	6.033	63	69932	20.46	ug/l		99
25) 2-Butanone	6.996	43	69143	100.38	ug/l		93
26) 2,2-Dichloropropane	6.990	77	66920	20.49	ug/l		100
27) cis-1,2-Dichloroethene	6.996	96	47153	20.90	ug/l		92
28) Bromochloromethane	7.344	49	30713	20.57	ug/l		90
29) Tetrahydrofuran	7.362	42	44621	99.72	ug/l		90
30) Chloroform	7.521	83	75769	21.39	ug/l		99
31) Cyclohexane	7.795	56	67842	19.54	ug/l	#	84
32) 1,1,1-Trichloroethane	7.716	97	69928	21.28	ug/l		99
36) 1,1-Dichloropropene	7.929	75	57969	21.06	ug/l		98
37) Ethyl Acetate	7.088	43	30602	20.64	ug/l		96
38) Carbon Tetrachloride	7.911	117	63700	21.81	ug/l		98
39) Methylcyclohexane	9.191	83	73602	20.70	ug/l		91
40) Benzene	8.173	78	162823	21.00	ug/l		98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.338	41	18902m	20.57	ug/l		
42) 1,2-Dichloroethane	8.246	62	51272	21.63	ug/l		97
43) Isopropyl Acetate	8.283	43	59440	19.98	ug/l		96
44) Trichloroethene	8.947	130	51340	22.86	ug/l		97
45) 1,2-Dichloropropane	9.222	63	40409	20.87	ug/l		99
46) Dibromomethane	9.307	93	24531	22.16	ug/l		95
47) Bromodichloromethane	9.508	83	58132	21.04	ug/l		97
48) Methyl methacrylate	9.301	41	27261	19.28	ug/l		88
49) 1,4-Dioxane	9.307	88	6120	434.32	ug/l		87
51) 4-Methyl-2-Pentanone	10.075	43	154248	102.36	ug/l		96
52) Toluene	10.252	92	108430	21.59	ug/l		95
53) t-1,3-Dichloropropene	10.471	75	60147	20.63	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	67828	20.76	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	34476	22.15	ug/l		96
56) Ethyl methacrylate	10.514	69	45193	20.77	ug/l		94
57) 1,3-Dichloropropane	10.794	76	57905	21.72	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.788	63	108141	117.24	ug/l		93
59) 2-Hexanone	10.837	43	108160	102.16	ug/l		98
60) Dibromochloromethane	10.989	129	43043	22.02	ug/l		98
61) 1,2-Dibromoethane	11.093	107	33751	22.27	ug/l		99
64) Tetrachloroethene	10.721	164	57906	24.33	ug/l		96
65) Chlorobenzene	11.520	112	119521	21.93	ug/l		96
66) 1,1,1,2-Tetrachloroethane	11.593	131	44107	21.64	ug/l		99
67) Ethyl Benzene	11.599	91	209599	20.95	ug/l		97
68) m/p-Xylenes	11.709	106	162344	42.55	ug/l		94
69) o-Xylene	12.032	106	77160	21.39	ug/l		94
70) Styrene	12.050	104	129865	21.03	ug/l		97
71) Bromoform	12.209	173	26644	21.84	ug/l	#	99
73) Isopropylbenzene	12.331	105	211851	21.28	ug/l		98
74) N-amyl acetate	12.148	43	54335	19.06	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.587	83	34137	19.74	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	28602m	20.82	ug/l		
77) Bromobenzene	12.611	156	51621	22.44	ug/l		95
78) n-propylbenzene	12.672	91	244571	20.85	ug/l		97
79) 2-Chlorotoluene	12.757	91	136413	20.72	ug/l		96
80) 1,3,5-Trimethylbenzene	12.812	105	177469	21.02	ug/l		97
81) trans-1,4-Dichloro-2-b...	12.386	75	13910	19.99	ug/l		96
82) 4-Chlorotoluene	12.861	91	143440	20.58	ug/l		96
83) tert-Butylbenzene	13.081	119	156898	21.59	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	178158	21.07	ug/l		96
85) sec-Butylbenzene	13.257	105	215075	21.47	ug/l		99
86) p-Isopropyltoluene	13.373	119	198792	21.40	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	96369	21.70	ug/l		98
88) 1,4-Dichlorobenzene	13.452	146	96396	21.75	ug/l		97
89) n-Butylbenzene	13.702	91	184948	20.92	ug/l		99
90) Hexachloroethane	13.965	117	34672	20.77	ug/l		86
91) 1,2-Dichlorobenzene	13.739	146	87554	22.23	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6736	20.61	ug/l		91
93) 1,2,4-Trichlorobenzene	15.013	180	59639	22.33	ug/l		99
94) Hexachlorobutadiene	15.117	225	33582	22.43	ug/l		99
95) Naphthalene	15.239	128	119652	22.61	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	51578	22.97	ug/l		99

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

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