Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY042021\
Data File : VY004516.D
Acq On : 20 Apr 2021 10:18
Operator : SY/MD
Sample : VY0420SBS01
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 4 Sample Multiplier: 1

Quant Time: Apr 21 08:47:21 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y041221S.M
Quant Title : SW846 8260
QLast Update : Tue Apr 13 03:38:02 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VY0420SBS01

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	139954	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	227600	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	207889	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	99829	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	86595	55.69	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 111.38%			
35) Dibromofluoromethane	7.722	113	68462	54.20	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 108.40%			
50) Toluene-d8	10.185	98	286542	53.33	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 106.66%			
62) 4-Bromofluorobenzene	12.483	95	96124	52.72	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 105.44%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	26458	20.40	ug/l	98
3) Chloromethane	2.119	50	39170	20.89	ug/l	99
4) Vinyl Chloride	2.259	62	42029	21.22	ug/l	98
5) Bromomethane	2.643	94	21573	22.33	ug/l	92
6) Chloroethane	2.796	64	26519	22.34	ug/l	94
7) Trichlorofluoromethane	3.131	101	52609	21.24	ug/l	99
8) Diethyl Ether	3.540	74	18203	21.75	ug/l	91
9) 1,1,2-Trichlorotrifluo...	3.899	101	29540	21.50	ug/l	99
10) Methyl Iodide	4.094	142	31215	18.99	ug/l	100
11) Tert butyl alcohol	4.972	59	17876	116.65	ug/l	99
12) 1,1-Dichloroethene	3.875	96	28348	20.87	ug/l	92
13) Acrolein	3.741	56	18088	106.18	ug/l	97
14) Allyl chloride	4.491	41	56364	21.69	ug/l	98
15) Acrylonitrile	5.180	53	53334	118.76	ug/l	98
16) Acetone	3.960	43	42710	119.36	ug/l	100
17) Carbon Disulfide	4.198	76	87471	20.91	ug/l	96
18) Methyl Acetate	4.485	43	25445	23.49	ug/l	99
19) Methyl tert-butyl Ether	5.234	73	88806	21.76	ug/l	99
20) Methylene Chloride	4.728	84	33951	22.61	ug/l	99
21) trans-1,2-Dichloroethene	5.228	96	33101	21.53	ug/l	99
22) Diisopropyl ether	6.131	45	119792	21.81	ug/l	98
23) Vinyl Acetate	6.070	43	421825	112.83	ug/l	99
24) 1,1-Dichloroethane	6.027	63	60318	21.50	ug/l	98
25) 2-Butanone	6.996	43	73450	124.00	ug/l	100
26) 2,2-Dichloropropane	6.990	77	52688	20.93	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	36684	21.33	ug/l	98
28) Bromochloromethane	7.344	49	26314	20.64	ug/l	97
29) Tetrahydrofuran	7.356	42	50029	118.22	ug/l	98
30) Chloroform	7.515	83	60330	21.88	ug/l	97
31) Cyclohexane	7.789	56	59301	20.80	ug/l	97
32) 1,1,1-Trichloroethane	7.710	97	53499	21.39	ug/l	99
36) 1,1-Dichloropropene	7.923	75	47773	21.12	ug/l	97
37) Ethyl Acetate	7.082	43	35066	24.08	ug/l	98
38) Carbon Tetrachloride	7.911	117	41954	21.46	ug/l	96
39) Methylcyclohexane	9.185	83	57889	20.79	ug/l	97
40) Benzene	8.167	78	136602	21.49	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.338	41	21103m	23.91	ug/l		
42) 1,2-Dichloroethane	8.240	62	43016	21.58	ug/l		98
43) Isopropyl Acetate	8.283	43	63503	23.00	ug/l		98
44) Trichloroethene	8.941	130	36624	21.13	ug/l		100
45) 1,2-Dichloropropane	9.222	63	35551	21.67	ug/l		99
46) Dibromomethane	9.313	93	20037	22.44	ug/l		98
47) Bromodichloromethane	9.502	83	47352	21.90	ug/l		99
48) Methyl methacrylate	9.295	41	28801	22.65	ug/l		98
49) 1,4-Dioxane	9.307	88	5651	484.50	ug/l		94
51) 4-Methyl-2-Pentanone	10.075	43	169788	119.72	ug/l		99
52) Toluene	10.246	92	84361	20.51	ug/l		97
53) t-1,3-Dichloropropene	10.471	75	52282	21.92	ug/l		100
54) cis-1,3-Dichloropropene	9.935	75	57618	21.27	ug/l		100
55) 1,1,2-Trichloroethane	10.648	97	27746	22.55	ug/l		98
56) Ethyl methacrylate	10.514	69	38703	21.69	ug/l		96
57) 1,3-Dichloropropane	10.794	76	48632	22.15	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.789	63	98264	107.62	ug/l		99
59) 2-Hexanone	10.837	43	115655	121.65	ug/l		98
60) Dibromochloromethane	10.990	129	32194	22.01	ug/l		100
61) 1,2-Dibromoethane	11.093	107	26303	22.17	ug/l		100
64) Tetrachloroethene	10.721	164	38931	21.51	ug/l		98
65) Chlorobenzene	11.520	112	87907	20.72	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	31829	21.02	ug/l		99
67) Ethyl Benzene	11.593	91	162523	20.47	ug/l		99
68) m/p-Xylenes	11.703	106	122012	41.37	ug/l		99
69) o-Xylene	12.032	106	56281	20.36	ug/l		100
70) Styrene	12.050	104	94360	20.61	ug/l		99
71) Bromoform	12.209	173	19603	21.83	ug/l	#	99
73) Isopropylbenzene	12.331	105	156614	20.30	ug/l		99
74) N-amyl acetate	12.148	43	56905	21.91	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.587	83	31844	21.82	ug/l		98
76) 1,2,3-Trichloropropane	12.636	75	24160m	22.55	ug/l		
77) Bromobenzene	12.611	156	35525	20.55	ug/l		99
78) n-propylbenzene	12.672	91	186918	20.51	ug/l		99
79) 2-Chlorotoluene	12.758	91	101219	20.31	ug/l		99
80) 1,3,5-Trimethylbenzene	12.812	105	129122	20.59	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	12266	20.48	ug/l		97
82) 4-Chlorotoluene	12.855	91	106397	20.22	ug/l		100
83) tert-Butylbenzene	13.075	119	108761	20.27	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	130153	20.57	ug/l		99
85) sec-Butylbenzene	13.257	105	153226	20.47	ug/l		100
86) p-Isopropyltoluene	13.373	119	139376	20.47	ug/l		99
87) 1,3-Dichlorobenzene	13.367	146	67538	20.91	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	67489	20.76	ug/l		99
89) n-Butylbenzene	13.696	91	134963	20.76	ug/l		98
90) Hexachloroethane	13.965	117	19790	21.66	ug/l		99
91) 1,2-Dichlorobenzene	13.739	146	60365	21.06	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	6222	23.76	ug/l		92
93) 1,2,4-Trichlorobenzene	15.007	180	40746	21.50	ug/l		100
94) Hexachlorobutadiene	15.117	225	20914	21.13	ug/l		98
95) Naphthalene	15.239	128	89012	21.60	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	35403	21.17	ug/l		99

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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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