Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY030821\
Data File : VY004060.D
Acq On : 08 Mar 2021 10:16
Operator : SY/MD
Sample : VSTDICC005
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Mar 08 11:59:32 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y030821S.M
Quant Title : SW846 8260
QLast Update : Mon Mar 08 11:57:34 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
Internal Standards							
1) Pentafluorobenzene	7.801	168	317584	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.697	114	498221	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.496	117	446352	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	221505	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.155	65	15933	5.41	ug/l		0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 10.82%#				
35) Dibromofluoromethane	7.734	113	13935	4.58	ug/l		0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 9.16%#				
50) Toluene-d8	10.185	98	56255	4.68	ug/l		0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 9.36%#				
62) 4-Bromofluorobenzene	12.483	95	21009	5.18	ug/l		0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 10.36%#				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.912	85	14487	5.81	ug/l		93
3) Chloromethane	2.119	50	19647	6.65	ug/l		96
4) Vinyl Chloride	2.260	62	20586	6.02	ug/l		96
5) Bromomethane	2.656	94	14087	5.94	ug/l		95
6) Chloroethane	2.802	64	12848	5.91	ug/l		99
7) Trichlorofluoromethane	3.137	101	26755	5.19	ug/l		90
8) Diethyl Ether	3.540	74	8416	5.33	ug/l		88
9) 1,1,2-Trichlorotrifluo...	3.918	101	15000	5.32	ug/l		94
10) Methyl Iodide	4.107	142	12658	3.88	ug/l		99
11) Tert butyl alcohol	4.972	59	7176	27.86	ug/l	#	86
12) 1,1-Dichloroethene	3.881	96	14866	5.41	ug/l		92
13) Acrolein	3.741	56	6438	25.09	ug/l		95
14) Allyl chloride	4.497	41	23248	5.83	ug/l		91
15) Acrylonitrile	5.180	53	20360	26.33	ug/l		98
16) Acetone	3.960	43	17462	27.84	ug/l		96
17) Carbon Disulfide	4.210	76	43511	5.36	ug/l		100
18) Methyl Acetate	4.497	43	10154	6.19	ug/l		94
19) Methyl tert-butyl Ether	5.241	73	39151	5.10	ug/l		99
20) Methylene Chloride	4.729	84	26011	7.12	ug/l		93
21) trans-1,2-Dichloroethene	5.241	96	16380	5.04	ug/l		91
22) Diisopropyl ether	6.131	45	48134	5.15	ug/l		95
23) Vinyl Acetate	6.076	43	150896	25.22	ug/l		96
24) 1,1-Dichloroethane	6.033	63	27587	5.02	ug/l		98
25) 2-Butanone	6.996	43	25950	26.69	ug/l		98
26) 2,2-Dichloropropane	6.996	77	25947	5.30	ug/l		97
27) cis-1,2-Dichloroethene	6.996	96	18156	4.99	ug/l		93
28) Bromochloromethane	7.350	49	11323	5.19	ug/l		91
29) Tetrahydrofuran	7.362	42	17277	27.40	ug/l		93
30) Chloroform	7.521	83	28333	5.02	ug/l		97
31) Cyclohexane	7.795	56	32804	6.49	ug/l	#	76
32) 1,1,1-Trichloroethane	7.716	97	25917	4.99	ug/l		99
36) 1,1-Dichloropropene	7.929	75	22314	5.07	ug/l		95
37) Ethyl Acetate	7.088	43	11577	5.21	ug/l	#	95
38) Carbon Tetrachloride	7.911	117	23272	4.83	ug/l		92
39) Methylcyclohexane	9.185	83	29508	4.94	ug/l		90
40) Benzene	8.167	78	62407	4.92	ug/l		94

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.344	41	8623m	6.31	ug/l		
42) 1,2-Dichloroethane	8.246	62	18872	5.20	ug/l		96
43) Isopropyl Acetate	8.283	43	23274	5.46	ug/l		98
44) Trichloroethene	8.947	130	18126	4.55	ug/l		92
45) 1,2-Dichloropropane	9.228	63	15284	4.75	ug/l		96
46) Dibromomethane	9.313	93	8862	4.78	ug/l		97
47) Bromodichloromethane	9.502	83	22062	4.89	ug/l		92
48) Methyl methacrylate	9.301	41	11187	5.50	ug/l		96
49) 1,4-Dioxane	9.307	88	2120	88.98	ug/l	#	92
51) 4-Methyl-2-Pentanone	10.075	43	57407	25.42	ug/l		97
52) Toluene	10.252	92	40466	4.66	ug/l		96
53) t-1,3-Dichloropropene	10.471	75	23385	4.96	ug/l		97
54) cis-1,3-Dichloropropene	9.935	75	26083	4.87	ug/l		98
55) 1,1,2-Trichloroethane	10.648	97	12314	4.63	ug/l		99
56) Ethyl methacrylate	10.514	69	16779	4.88	ug/l		95
57) 1,3-Dichloropropane	10.795	76	20959	4.82	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	45071	29.37	ug/l		96
59) 2-Hexanone	10.837	43	39827	26.35	ug/l		98
60) Dibromochloromethane	10.990	129	15084	4.52	ug/l		98
61) 1,2-Dibromoethane	11.093	107	12209	4.78	ug/l		95
64) Tetrachloroethene	10.721	164	20289	4.77	ug/l		96
65) Chlorobenzene	11.520	112	43027	4.63	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.593	131	15663	4.49	ug/l		98
67) Ethyl Benzene	11.599	91	79339	4.93	ug/l		100
68) m/p-Xylenes	11.709	106	59319	9.37	ug/l		96
69) o-Xylene	12.032	106	28099	4.64	ug/l		96
70) Styrene	12.050	104	46923	4.56	ug/l		100
71) Bromoform	12.215	173	9088	4.11	ug/l	#	99
73) Isopropylbenzene	12.337	105	76131	4.83	ug/l		98
74) N-amyl acetate	12.148	43	20164	5.26	ug/l		96
75) 1,1,2,2-Tetrachloroethane	12.587	83	12532	4.52	ug/l		93
76) 1,2,3-Trichloropropane	12.636	75	10616m	4.91	ug/l		
77) Bromobenzene	12.611	156	18030	4.58	ug/l		98
78) n-propylbenzene	12.672	91	90400	4.97	ug/l		98
79) 2-Chlorotoluene	12.758	91	51195	5.07	ug/l		99
80) 1,3,5-Trimethylbenzene	12.819	105	65318	5.08	ug/l		98
81) trans-1,4-Dichloro-2-b...	12.386	75	5237	4.76	ug/l		97
82) 4-Chlorotoluene	12.855	91	53405	5.06	ug/l		97
83) tert-Butylbenzene	13.081	119	56189	4.95	ug/l		100
84) 1,2,4-Trimethylbenzene	13.123	105	64838	4.98	ug/l		98
85) sec-Butylbenzene	13.258	105	77141	5.07	ug/l		98
86) p-Isopropyltoluene	13.373	119	71054	4.97	ug/l		98
87) 1,3-Dichlorobenzene	13.367	146	34900	4.80	ug/l		97
88) 1,4-Dichlorobenzene	13.447	146	35160	4.79	ug/l		94
89) n-Butylbenzene	13.696	91	68854	5.17	ug/l		100
90) Hexachloroethane	13.959	117	12657	4.82	ug/l		85
91) 1,2-Dichlorobenzene	13.739	146	30146	4.57	ug/l		98
92) 1,2-Dibromo-3-Chloropr...	14.361	75	2651	5.47	ug/l		95
93) 1,2,4-Trichlorobenzene	15.007	180	20473	4.32	ug/l		97
94) Hexachlorobutadiene	15.117	225	11842	4.19	ug/l		99
95) Naphthalene	15.239	128	38715	4.44	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	16901	4.33	ug/l		96

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

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