Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY033021\
Data File : VY004222.D
Acq On : 30 Mar 2021 09:38
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00g/5mL/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Mar 31 01:41:25 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y032921S.M
Quant Title : SW846 8260
QLast Update : Tue Mar 30 06:38:14 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.801	168	198007	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	307138	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	268861	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	124607	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	98408	51.70	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 103.40%			
35) Dibromofluoromethane	7.728	113	89120	52.08	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 104.16%			
50) Toluene-d8	10.185	98	333182	51.76	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 103.52%			
62) 4-Bromofluorobenzene	12.483	95	113782	51.58	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 103.16%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	93904	54.76	ug/l	99
3) Chloromethane	2.125	50	124998	54.00	ug/l	99
4) Vinyl Chloride	2.259	62	144920	56.18	ug/l	99
5) Bromomethane	2.662	94	72175	50.86	ug/l	96
6) Chloroethane	2.808	64	86239	51.57	ug/l	98
7) Trichlorofluoromethane	3.137	101	181796	54.23	ug/l	100
8) Diethyl Ether	3.540	74	57086	53.06	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.912	101	99217	54.36	ug/l	99
10) Methyl Iodide	4.107	142	114449	54.26	ug/l	99
11) Tert butyl alcohol	4.972	59	38420	248.04	ug/l	97
12) 1,1-Dichloroethene	3.881	96	98250	54.86	ug/l	97
13) Acrolein	3.741	56	30943	248.03	ug/l	100
14) Allyl chloride	4.491	41	160393	56.21	ug/l	100
15) Acrylonitrile	5.180	53	134026	261.75	ug/l	99
16) Acetone	3.960	43	94403	238.05	ug/l	100
17) Carbon Disulfide	4.204	76	273685	58.11	ug/l	99
18) Methyl Acetate	4.485	43	65664	51.73	ug/l	100
19) Methyl tert-butyl Ether	5.235	73	280088	52.94	ug/l	100
20) Methylene Chloride	4.729	84	101014	52.08	ug/l	96
21) trans-1,2-Dichloroethene	5.235	96	109178	54.30	ug/l	92
22) Diisopropyl ether	6.131	45	340866	54.39	ug/l	100
23) Vinyl Acetate	6.070	43	1144229	271.41	ug/l	100
24) 1,1-Dichloroethane	6.033	63	190333	55.74	ug/l	100
25) 2-Butanone	6.996	43	164560	248.40	ug/l	98
26) 2,2-Dichloropropane	6.990	77	183347	57.38	ug/l	99
27) cis-1,2-Dichloroethene	6.996	96	123347	54.18	ug/l	99
28) Bromochloromethane	7.344	49	71554	51.55	ug/l	99
29) Tetrahydrofuran	7.356	42	120770	258.75	ug/l	98
30) Chloroform	7.515	83	194659	53.58	ug/l	99
31) Cyclohexane	7.795	56	177474	52.76	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	182392	54.87	ug/l	99
36) 1,1-Dichloropropene	7.929	75	154065	54.95	ug/l	99
37) Ethyl Acetate	7.082	43	83281	50.63	ug/l	99
38) Carbon Tetrachloride	7.911	117	145631	59.73	ug/l	99
39) Methylcyclohexane	9.191	83	196214	56.52	ug/l	98
40) Benzene	8.167	78	430961	54.23	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	45634m	50.07	ug/l		
42) 1,2-Dichloroethane	8.246	62	133049	53.27	ug/l		99
43) Isopropyl Acetate	8.277	43	166773	53.55	ug/l		99
44) Trichloroethene	8.947	130	131052	51.79	ug/l		97
45) 1,2-Dichloropropane	9.222	63	105543	53.73	ug/l		95
46) Dibromomethane	9.313	93	60928	52.75	ug/l		99
47) Bromodichloromethane	9.502	83	148835	54.02	ug/l		99
48) Methyl methacrylate	9.295	41	76647	54.19	ug/l		100
49) 1,4-Dioxane	9.307	88	10935	881.56	ug/l		93
51) 4-Methyl-2-Pentanone	10.075	43	421823	265.85	ug/l		99
52) Toluene	10.246	92	276767	54.17	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	159838	54.40	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	178368	54.33	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	83256	52.62	ug/l		98
56) Ethyl methacrylate	10.514	69	115056	53.00	ug/l		98
57) 1,3-Dichloropropane	10.795	76	144838	53.05	ug/l		98
58) 2-Chloroethyl Vinyl ether	9.789	63	190397	205.00	ug/l		99
59) 2-Hexanone	10.837	43	275404	252.48	ug/l		98
60) Dibromochloromethane	10.990	129	102647	54.11	ug/l		99
61) 1,2-Dibromoethane	11.093	107	82518	52.84	ug/l		99
64) Tetrachloroethene	10.721	164	138259	52.26	ug/l		98
65) Chlorobenzene	11.520	112	289721	54.03	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	104791	54.56	ug/l		99
67) Ethyl Benzene	11.599	91	536010	55.05	ug/l		99
68) m/p-Xylenes	11.703	106	411567	110.08	ug/l		100
69) o-Xylene	12.032	106	189621	54.20	ug/l		100
70) Styrene	12.050	104	315384	54.19	ug/l		99
71) Bromoform	12.215	173	59468	54.37	ug/l	#	99
73) Isopropylbenzene	12.331	105	516725	56.76	ug/l		100
74) N-amyl acetate	12.148	43	149486	56.19	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	89012	52.83	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	65307m	57.72	ug/l		
77) Bromobenzene	12.611	156	118346	55.52	ug/l		100
78) n-propylbenzene	12.672	91	608805	57.80	ug/l		100
79) 2-Chlorotoluene	12.758	91	326759	56.47	ug/l		100
80) 1,3,5-Trimethylbenzene	12.819	105	421578	56.77	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	34601	56.36	ug/l		97
82) 4-Chlorotoluene	12.855	91	342519	56.24	ug/l		99
83) tert-Butylbenzene	13.081	119	370489	57.74	ug/l		98
84) 1,2,4-Trimethylbenzene	13.123	105	416287	55.89	ug/l		100
85) sec-Butylbenzene	13.257	105	501600	56.78	ug/l		99
86) p-Isopropyltoluene	13.373	119	462984	56.34	ug/l		100
87) 1,3-Dichlorobenzene	13.367	146	217007	54.57	ug/l		100
88) 1,4-Dichlorobenzene	13.446	146	215497	54.86	ug/l		99
89) n-Butylbenzene	13.696	91	431311	57.07	ug/l		100
90) Hexachloroethane	13.965	117	41707	56.13	ug/l		99
91) 1,2-Dichlorobenzene	13.745	146	191544	53.66	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	15621	49.68	ug/l		99
93) 1,2,4-Trichlorobenzene	15.007	180	137711	54.29	ug/l		100
94) Hexachlorobutadiene	15.117	225	74994	55.59	ug/l		100
95) Naphthalene	15.239	128	285290	53.02	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	121453	52.40	ug/l		98

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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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