Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY011421\
Data File : VY003914.D
Acq On : 14 Jan 2021 11:00
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jan 15 00:56:12 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y011221S.M
Quant Title : SW846 8260
QLast Update : Tue Jan 12 11:47:10 2021
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDCCC050

Manual Integrations APPROVED
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.789	168	153652	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	224056	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.490	117	207597	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.422	152	110551	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.143	65	109326	45.81	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.62%			
35) Dibromofluoromethane	7.716	113	91776	50.12	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 100.24%			
50) Toluene-d8	10.179	98	371786	50.10	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 100.20%			
62) 4-Bromofluorobenzene	12.477	95	131877	48.66	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 97.32%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.906	85	98259	52.13	ug/l	100
3) Chloromethane	2.119	50	135846	58.33	ug/l	96
4) Vinyl Chloride	2.253	62	147558	53.69	ug/l	99
5) Bromomethane	2.650	94	90601	45.82	ug/l	96
6) Chloroethane	2.796	64	85093	50.30	ug/l	97
7) Trichlorofluoromethane	3.131	101	173127	48.12	ug/l	96
8) Diethyl Ether	3.534	74	56076	48.60	ug/l	95
9) 1,1,2-Trichlorotrifluo...	3.906	101	96242	51.62	ug/l	96
10) Methyl Iodide	4.095	142	121902	54.94	ug/l	99
11) Tert butyl alcohol	4.954	59	47312	190.66	ug/l	98
12) 1,1-Dichloroethene	3.875	96	94661	51.99	ug/l	94
13) Acrolein	3.735	56	49814	210.98	ug/l	98
14) Allyl chloride	4.485	41	193625	49.14	ug/l	96
15) Acrylonitrile	5.174	53	146934	227.73	ug/l	98
16) Acetone	3.948	43	127705	216.37	ug/l	96
17) Carbon Disulfide	4.198	76	300284	49.50	ug/l	98
18) Methyl Acetate	4.485	43	69870	44.51	ug/l	97
19) Methyl tert-butyl Ether	5.228	73	273129	48.18	ug/l	97
20) Methylene Chloride	4.722	84	111252	50.31	ug/l	90
21) trans-1,2-Dichloroethene	5.222	96	108271	51.88	ug/l	95
22) Diisopropyl ether	6.125	45	386510	50.32	ug/l	97
23) Vinyl Acetate	6.064	43	1268579	238.47	ug/l	97
24) 1,1-Dichloroethane	6.021	63	197391	51.30	ug/l	100
25) 2-Butanone	6.990	43	196874	214.09	ug/l	98
26) 2,2-Dichloropropane	6.984	77	180488	50.15	ug/l	100
27) cis-1,2-Dichloroethene	6.990	96	118598	51.54	ug/l	95
28) Bromochloromethane	7.338	49	87653	49.07	ug/l	84
29) Tetrahydrofuran	7.350	42	137535	222.46	ug/l	96
30) Chloroform	7.509	83	197657	51.16	ug/l	100
31) Cyclohexane	7.783	56	190805	47.67	ug/l	95
32) 1,1,1-Trichloroethane	7.704	97	181694	50.47	ug/l	97
36) 1,1-Dichloropropene	7.923	75	157212	51.26	ug/l	98
37) Ethyl Acetate	7.082	43	92780	44.95	ug/l	99
38) Carbon Tetrachloride	7.899	117	163404	50.33	ug/l	95
39) Methylcyclohexane	9.179	83	190835	51.73	ug/l	94
40) Benzene	8.161	78	431349	51.35	ug/l	97

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.332	41	65122m	56.10	ug/l		
42) 1,2-Dichloroethane	8.240	62	139897	48.39	ug/l		99
43) Isopropyl Acetate	8.271	43	180148	45.84	ug/l		96
44) Trichloroethene	8.935	130	118212	51.45	ug/l		92
45) 1,2-Dichloropropane	9.216	63	112220	51.52	ug/l		99
46) Dibromomethane	9.307	93	60563	50.04	ug/l		93
47) Bromodichloromethane	9.496	83	154957	51.30	ug/l		98
48) Methyl methacrylate	9.289	41	88379	47.51	ug/l		95
49) 1,4-Dioxane	9.295	88	15170	925.70	ug/l		96
51) 4-Methyl-2-Pentanone	10.069	43	470787	225.86	ug/l		97
52) Toluene	10.240	92	273676	51.43	ug/l		99
53) t-1,3-Dichloropropene	10.465	75	164158	50.32	ug/l		99
54) cis-1,3-Dichloropropene	9.929	75	186437	52.39	ug/l		95
55) 1,1,2-Trichloroethane	10.642	97	83374	50.76	ug/l		93
56) Ethyl methacrylate	10.508	69	122398	49.53	ug/l		93
57) 1,3-Dichloropropane	10.788	76	148497	49.69	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.783	63	282331	230.13	ug/l		96
59) 2-Hexanone	10.831	43	315803	217.63	ug/l		96
60) Dibromochloromethane	10.984	129	108266	50.90	ug/l		98
61) 1,2-Dibromoethane	11.087	107	81634	50.62	ug/l		99
64) Tetrachloroethene	10.715	164	130702	51.79	ug/l		98
65) Chlorobenzene	11.514	112	286623	52.11	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.587	131	109093	51.97	ug/l		99
67) Ethyl Benzene	11.593	91	545554	52.81	ug/l		99
68) m/p-Xylenes	11.703	106	404948	105.76	ug/l		96
69) o-Xylene	12.026	106	188851	52.62	ug/l		97
70) Styrene	12.044	104	326787	53.08	ug/l		97
71) Bromoform	12.209	173	69771	50.57	ug/l	#	100
73) Isopropylbenzene	12.325	105	525343	52.95	ug/l		99
74) N-amyl acetate	12.142	43	170320	47.98	ug/l		94
75) 1,1,2,2-Tetrachloroethane	12.581	83	92344	49.05	ug/l		100
76) 1,2,3-Trichloropropane	12.630	75	71093m	47.56	ug/l		
77) Bromobenzene	12.605	156	126402	52.18	ug/l		90
78) n-propylbenzene	12.666	91	634496	53.41	ug/l		98
79) 2-Chlorotoluene	12.752	91	356907	53.30	ug/l		96
80) 1,3,5-Trimethylbenzene	12.813	105	451194	52.57	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	38021	48.28	ug/l	#	89
82) 4-Chlorotoluene	12.855	91	379869	53.31	ug/l		97
83) tert-Butylbenzene	13.075	119	383893	52.83	ug/l		97
84) 1,2,4-Trimethylbenzene	13.117	105	452910	53.19	ug/l		98
85) sec-Butylbenzene	13.251	105	537095	53.76	ug/l		98
86) p-Isopropyltoluene	13.367	119	496791	52.79	ug/l		98
87) 1,3-Dichlorobenzene	13.361	146	243320	52.07	ug/l		98
88) 1,4-Dichlorobenzene	13.440	146	238084	51.93	ug/l		99
89) n-Butylbenzene	13.696	91	472591	52.87	ug/l		99
90) Hexachloroethane	13.959	117	91431	53.64	ug/l		94
91) 1,2-Dichlorobenzene	13.739	146	213060	52.11	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.355	75	17513	44.19	ug/l		91
93) 1,2,4-Trichlorobenzene	15.001	180	150354	49.91	ug/l		99
94) Hexachlorobutadiene	15.111	225	101262	50.82	ug/l		100
95) Naphthalene	15.233	128	261021	45.98	ug/l		99
96) 1,2,3-Trichlorobenzene	15.422	180	126869	47.83	ug/l		99

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

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