Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY061721\
Data File : VY005149.D
Acq On : 17 Jun 2021 11:55
Operator : SY/MD
Sample : VSTDCCC050
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 2 Sample Multiplier: 1

Quant Time: Jun 18 02:59:10 2021
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y061521S.M
Quant Title : SW846 8260
QLast Update : Wed Jun 16 04:40:35 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	7.801	168	217525	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.697	114	330800	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	290727	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	141571	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	95940	45.615	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 91.240%			
35) Dibromofluoromethane	7.728	113	82926	57.172	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 114.340%			
50) Toluene-d8	10.185	98	335728	47.638	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 95.280%			
62) 4-Bromofluorobenzene	12.483	95	111871	47.199	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 94.400%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.912	85	107326	44.659	ug/l	98
3) Chloromethane	2.119	50	122517	49.440	ug/l	96
4) Vinyl Chloride	2.260	62	114103	47.962	ug/l	98
5) Bromomethane	2.662	94	63990	47.130	ug/l	97
6) Chloroethane	2.802	64	65376	48.345	ug/l	98
7) Trichlorofluoromethane	3.137	101	198691	49.965	ug/l	95
8) Diethyl Ether	3.540	74	63120	48.820	ug/l	98
9) 1,1,2-Trichlorotrifluo...	3.912	101	110117	51.149	ug/l	99
10) Methyl Iodide	4.107	142	128436	53.080	ug/l	97
11) Tert butyl alcohol	4.979	59	48187	251.652	ug/l	99
12) 1,1-Dichloroethene	3.881	96	109778	52.049	ug/l	89
13) Acrolein	3.741	56	49063	239.585	ug/l	98
14) Allyl chloride	4.491	41	157897	53.720	ug/l	97
15) Acrylonitrile	5.174	53	149938	258.428	ug/l	99
16) Acetone	3.960	43	94995	222.060	ug/l	99
17) Carbon Disulfide	4.204	76	331792	52.804	ug/l	98
18) Methyl Acetate	4.485	43	63117	50.269	ug/l	99
19) Methyl tert-butyl Ether	5.228	73	295389	51.226	ug/l	100
20) Methylene Chloride	4.729	84	128292	55.443	ug/l	91
21) trans-1,2-Dichloroethene	5.228	96	116517	51.255	ug/l	95
22) Diisopropyl ether	6.137	45	308052	51.785	ug/l	97
23) Vinyl Acetate	6.070	43	1022956	260.696	ug/l	99
24) 1,1-Dichloroethane	6.027	63	193147	51.588	ug/l	98
25) 2-Butanone	7.003	43	158414	243.419	ug/l	98
26) 2,2-Dichloropropane	6.990	77	188338	52.605	ug/l	100
27) cis-1,2-Dichloroethene	6.996	96	125431	50.870	ug/l	99
28) Bromochloromethane	7.344	49	66043	47.006	ug/l	98
29) Tetrahydrofuran	7.356	42	113039	255.729	ug/l	99
30) Chloroform	7.515	83	200528	50.180	ug/l	98
31) Cyclohexane	7.789	56	181284	50.672	ug/l	98
32) 1,1,1-Trichloroethane	7.710	97	192802	50.048	ug/l	99
36) 1,1-Dichloropropene	7.923	75	158640	52.368	ug/l	99
37) Ethyl Acetate	7.088	43	78321	50.737	ug/l	100
38) Carbon Tetrachloride	7.905	117	168857	52.502	ug/l	98
39) Methylcyclohexane	9.185	83	200840	53.489	ug/l	98
40) Benzene	8.167	78	445764	51.662	ug/l	99

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.320	41	35791m	41.958	ug/l		
42) 1,2-Dichloroethane	8.246	62	132531	49.266	ug/l		99
43) Isopropyl Acetate	8.277	43	146958	51.953	ug/l		100
44) Trichloroethene	8.947	130	130821	51.644	ug/l		99
45) 1,2-Dichloropropane	9.222	63	101581	51.435	ug/l		96
46) Dibromomethane	9.313	93	62057	50.404	ug/l		99
47) Bromodichloromethane	9.502	83	149339	50.366	ug/l		97
48) Methyl methacrylate	9.295	41	64469	50.905	ug/l		97
49) 1,4-Dioxane	9.307	88	15534	976.946	ug/l		91
51) 4-Methyl-2-Pentanone	10.075	43	367087	253.777	ug/l		98
52) Toluene	10.246	92	279738	50.946	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	160303	50.543	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	177916	50.679	ug/l		97
55) 1,1,2-Trichloroethane	10.648	97	83790	48.995	ug/l		96
56) Ethyl methacrylate	10.514	69	119234	51.605	ug/l		99
57) 1,3-Dichloropropane	10.795	76	144979	50.144	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.789	63	243335	239.687	ug/l		99
59) 2-Hexanone	10.837	43	251314	251.226	ug/l		98
60) Dibromochloromethane	10.990	129	105928	49.857	ug/l		98
61) 1,2-Dibromoethane	11.093	107	81039	48.531	ug/l		99
64) Tetrachloroethene	10.721	164	135332	52.171	ug/l		96
65) Chlorobenzene	11.520	112	296633	51.715	ug/l		97
66) 1,1,1,2-Tetrachloroethane	11.593	131	110439	51.923	ug/l		99
67) Ethyl Benzene	11.593	91	541162	53.358	ug/l		99
68) m/p-Xylenes	11.703	106	422453	105.957	ug/l		100
69) o-Xylene	12.032	106	200394	53.441	ug/l		99
70) Styrene	12.050	104	335521	52.878	ug/l		99
71) Bromoform	12.215	173	66065	50.702	ug/l	#	100
73) Isopropylbenzene	12.331	105	539746	54.533	ug/l		100
74) N-amyl acetate	12.148	43	122038	53.018	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	87829	51.099	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	69043m	54.484	ug/l		
77) Bromobenzene	12.611	156	122736	52.122	ug/l		99
78) n-propylbenzene	12.672	91	643356	54.380	ug/l		100
79) 2-Chlorotoluene	12.758	91	350518	52.994	ug/l		100
80) 1,3,5-Trimethylbenzene	12.819	105	456649	54.024	ug/l		99
81) trans-1,4-Dichloro-2-b...	12.380	75	34627	50.977	ug/l	#	71
82) 4-Chlorotoluene	12.861	91	361723	52.900	ug/l		100
83) tert-Butylbenzene	13.081	119	399611	54.021	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	446186	53.431	ug/l		98
85) sec-Butylbenzene	13.258	105	583244	54.735	ug/l		99
86) p-Isopropyltoluene	13.373	119	496800	54.337	ug/l		100
87) 1,3-Dichlorobenzene	13.373	146	240578	52.332	ug/l		100
88) 1,4-Dichlorobenzene	13.453	146	239048	52.011	ug/l		100
89) n-Butylbenzene	13.703	91	455831	54.775	ug/l		99
90) Hexachloroethane	13.965	117	77828	52.225	ug/l		99
91) 1,2-Dichlorobenzene	13.745	146	213384	51.611	ug/l		99
92) 1,2-Dibromo-3-Chloropr...	14.361	75	17216	50.279	ug/l		99
93) 1,2,4-Trichlorobenzene	15.013	180	139968	52.750	ug/l		99
94) Hexachlorobutadiene	15.117	225	80120	52.253	ug/l		99
95) Naphthalene	15.239	128	284588	50.948	ug/l		99
96) 1,2,3-Trichlorobenzene	15.428	180	121158	50.975	ug/l		100

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

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