Quantitation Report (QT Reviewed)

Data Path : Z:\voasrv\HPCHEM1\MSVOA_Y\Data\VY010522\
Data File : VY007018.D
Acq On : 05 Jan 2022 14:18
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00g/5.0mL/MSVOA_Y/SOIL
ALS Vial : 7 Sample Multiplier: 1

Quant Time: Jan 06 04:31:28 2022
Quant Method : Z:\voasrv\HPCHEM1\MSVOA_Y\methods\82Y010522S.M
Quant Title : SW846 8260
QLast Update : Thu Jan 06 04:16:58 2022
Response via : Initial Calibration

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC150

Manual Integrations APPROVED

Reviewed By :John Carlone 01/06/2022
Supervised By :Mahesh Dadoda 01/06/2022

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) Pentafluorobenzene	7.795	168	169206	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	8.691	114	290725	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.496	117	260810	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.428	152	115551	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.149	65	308642	162.762	ug/l	0.00
Spiked Amount 50.000	Range 50 - 163		Recovery = 325.520%#			
35) Dibromofluoromethane	7.722	113	283926	170.761	ug/l	0.00
Spiked Amount 50.000	Range 54 - 147		Recovery = 341.520%#			
50) Toluene-d8	10.185	98	1040553	153.295	ug/l	0.00
Spiked Amount 50.000	Range 49 - 140		Recovery = 306.600%#			
62) 4-Bromofluorobenzene	12.483	95	381475	162.737	ug/l	0.00
Spiked Amount 50.000	Range 25 - 144		Recovery = 325.480%#			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.918	85	93211	60.206	ug/l	95
3) Chloromethane	2.119	50	189562	101.402	ug/l	99
4) Vinyl Chloride	2.259	62	263376	121.601	ug/l	100
5) Bromomethane	2.656	94	158047	111.041	ug/l	97
6) Chloroethane	2.796	64	150461	118.352	ug/l	99
7) Trichlorofluoromethane	3.131	101	315845	112.883	ug/l	100
8) Diethyl Ether	3.527	74	179069	177.140	ug/l	100
9) 1,1,2-Trichlorotrifluo...	3.905	101	298480	179.002	ug/l	98
10) Methyl Iodide	4.088	142	470105	239.158	ug/l	100
11) Tert butyl alcohol	4.960	59	149509	909.346	ug/l	98
12) 1,1-Dichloroethene	3.875	96	312129	183.422	ug/l	96
13) Acrolein	3.729	56	48379	529.669	ug/l	97
14) Allyl chloride	4.479	41	475021	152.308	ug/l	100
15) Acrylonitrile	5.167	53	457998	866.386	ug/l	99
16) Acetone	3.948	43	388631	801.124	ug/l	98
17) Carbon Disulfide	4.198	76	910115	164.221	ug/l	99
18) Methyl Acetate	4.479	43	300834	170.458	ug/l	99
19) Methyl tert-butyl Ether	5.222	73	580207	128.405	ug/l	97
20) Methylene Chloride	4.716	84	353250	161.671	ug/l	97
21) trans-1,2-Dichloroethene	5.222	96	325247	173.453	ug/l	99
22) Diisopropyl ether	6.125	45	919918	149.891	ug/l	98
23) Vinyl Acetate	6.064	43	3018570	812.713	ug/l	100
24) 1,1-Dichloroethane	6.021	63	564388	166.049	ug/l	99
25) 2-Butanone	6.990	43	542201	783.943	ug/l	99
26) 2,2-Dichloropropane	6.984	77	397077	133.169	ug/l	99
27) cis-1,2-Dichloroethene	6.990	96	368509	176.011	ug/l	99
28) Bromochloromethane	7.338	49	230158	163.912	ug/l	99
29) Tetrahydrofuran	7.350	42	397423	865.277	ug/l	100
30) Chloroform	7.508	83	591538	172.737	ug/l	98
31) Cyclohexane	7.789	56	524128	147.829	ug/l	97
32) 1,1,1-Trichloroethane	7.704	97	505556	161.598	ug/l	99
36) 1,1-Dichloropropene	7.923	75	467790	155.481	ug/l	99
37) Ethyl Acetate	7.076	43	266867	155.722	ug/l	98
38) Carbon Tetrachloride	7.905	117	485391	153.461	ug/l	99
39) Methylcyclohexane	9.185	83	608904	160.465	ug/l	98
40) Benzene	8.167	78	1275087	150.859	ug/l	98

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Compound	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Methacrylonitrile	7.326	41	151160m	138.175	ug/l		
42) 1,2-Dichloroethane	8.240	62	403295	149.991	ug/l		100
43) Isopropyl Acetate	8.277	43	519195	158.359	ug/l		99
44) Trichloroethene	8.941	130	356716	160.939	ug/l		100
45) 1,2-Dichloropropane	9.222	63	319466	153.588	ug/l		100
46) Dibromomethane	9.307	93	197287	174.460	ug/l		100
47) Bromodichloromethane	9.502	83	471993	163.747	ug/l		97
48) Methyl methacrylate	9.295	41	242047	154.950	ug/l		99
49) 1,4-Dioxane	9.307	88	43673m	3134.681	ug/l		
51) 4-Methyl-2-Pentanone	10.075	43	1303738	772.775	ug/l		100
52) Toluene	10.246	92	814096	154.329	ug/l		99
53) t-1,3-Dichloropropene	10.471	75	519732	165.757	ug/l		99
54) cis-1,3-Dichloropropene	9.935	75	567409	164.725	ug/l		99
55) 1,1,2-Trichloroethane	10.648	97	271621	171.688	ug/l		98
56) Ethyl methacrylate	10.514	69	411210	172.892	ug/l		99
57) 1,3-Dichloropropane	10.794	76	471734	165.978	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.789	63	832080	729.789	ug/l		99
59) 2-Hexanone	10.837	43	844412	722.301	ug/l		100
60) Dibromochloromethane	10.990	129	336417	174.558	ug/l		100
61) 1,2-Dibromoethane	11.093	107	280190	184.748	ug/l		99
64) Tetrachloroethene	10.721	164	290193	137.077	ug/l		98
65) Chlorobenzene	11.520	112	863314	160.670	ug/l		100
66) 1,1,1,2-Tetrachloroethane	11.593	131	315414	160.178	ug/l		99
67) Ethyl Benzene	11.599	91	1565263	155.126	ug/l		100
68) m/p-Xylenes	11.709	106	1191344	310.782	ug/l		99
69) o-Xylene	12.032	106	560439	155.154	ug/l		100
70) Styrene	12.050	104	964363	157.255	ug/l		99
71) Bromoform	12.209	173	202205	165.873	ug/l	#	99
73) Isopropylbenzene	12.337	105	1457284	166.327	ug/l		100
74) N-amyl acetate	12.148	43	433257	164.829	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.587	83	308012	191.173	ug/l		99
76) 1,2,3-Trichloropropane	12.636	75	231153m	191.433	ug/l		
77) Bromobenzene	12.611	156	329985	162.398	ug/l		97
78) n-propylbenzene	12.678	91	1781559	165.339	ug/l		99
79) 2-Chlorotoluene	12.764	91	1026490	170.879	ug/l		100
80) 1,3,5-Trimethylbenzene	12.818	105	1202893	164.678	ug/l		100
81) trans-1,4-Dichloro-2-b...	12.386	75	123789	199.395	ug/l	#	98
82) 4-Chlorotoluene	12.861	91	1060001	170.741	ug/l		99
83) tert-Butylbenzene	13.081	119	1052666	167.360	ug/l		99
84) 1,2,4-Trimethylbenzene	13.123	105	1184781	164.407	ug/l		100
85) sec-Butylbenzene	13.257	105	1540918	163.576	ug/l		100
86) p-Isopropyltoluene	13.373	119	1261028	159.624	ug/l		100
87) 1,3-Dichlorobenzene	13.373	146	618963	155.222	ug/l		99
88) 1,4-Dichlorobenzene	13.446	146	628650	159.210	ug/l		100
89) n-Butylbenzene	13.702	91	1223726	161.939	ug/l		100
90) Hexachloroethane	13.965	117	254077	173.973	ug/l		100
91) 1,2-Dichlorobenzene	13.745	146	564806	161.594	ug/l		100
92) 1,2-Dibromo-3-Chloropr...	14.361	75	58046	191.724	ug/l		99
93) 1,2,4-Trichlorobenzene	15.013	180	356360	156.816	ug/l		100
94) Hexachlorobutadiene	15.117	225	174426	122.157	ug/l		99
95) Naphthalene	15.239	128	845625	182.597	ug/l		100
96) 1,2,3-Trichlorobenzene	15.428	180	308640	153.696	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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