Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY122319\
Data File : VY001021.D
Acq On : 23 Dec 2019 11:49
Operator : SY/MD
Sample : VSTDICC150
Misc : 5.00G/5ML/MSVOA_Y/SOIL
ALS Vial : 8 Sample Multiplier: 1

Instrument : MSVOA_Y
ClientSampleId : VSTDICC150

Manual Integrations APPROVED
apatel
12/24/2019 11:06:02 AM

Quant Time: Dec 23 12:08:37 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y122319S.M
Quant Title : SW846 8260
QLast Update : Mon Dec 23 11:46:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.80	168	334963	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.69	114	601201	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.49	117	531594	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	233625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.15	65	472716	141.78	ug/l	0.00
Spiked Amount 50.000			Recovery = 283.56%			
35) Dibromofluoromethane	7.72	113	483544	134.19	ug/l	0.00
Spiked Amount 50.000			Recovery = 268.38%			
50) Toluene-d8	10.18	98	1982160	142.00	ug/l	0.00
Spiked Amount 50.000			Recovery = 284.00%			
62) 4-Bromofluorobenzene	12.48	95	648408	124.56	ug/l	0.00
Spiked Amount 50.000			Recovery = 249.12%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.90	85	391925	131.519	ug/l	98
3) Chloromethane	2.12	50	525813	129.323	ug/l	99
4) Vinyl Chloride	2.25	62	511548	129.593	ug/l	98
5) Bromomethane	2.63	94	271984	109.370	ug/l	97
6) Chloroethane	2.78	64	318980	129.769	ug/l	90
7) Trichlorofluoromethane	3.12	101	778487	135.339	ug/l	97
8) Diethyl Ether	3.53	74	323011	137.978	ug/l	97
9) 1,1,2-Trichlorotrifluoroet	3.90	101	505769	133.592	ug/l	98
10) Methyl Iodide	4.09	142	776556	151.461	ug/l	99
11) Tert butyl alcohol	4.97	59	243863	657.547	ug/l	100
12) 1,1-Dichloroethene	3.87	96	525956	137.887	ug/l	96
13) Acrolein	3.73	56	323050	711.651	ug/l	99
14) Allyl chloride	4.48	41	794388	133.380	ug/l	99
15) Acrylonitrile	5.18	53	805634	688.343	ug/l	100
16) Acetone	3.95	43	512450	659.831	ug/l	97
17) Carbon Disulfide	4.19	76	1749705	140.845	ug/l	99
18) Methyl Acetate	4.48	43	411243	139.142	ug/l	99
19) Methyl tert-butyl Ether	5.23	73	1356374	137.753	ug/l	97
20) Methylene Chloride	4.72	84	582556	126.672	ug/l	94
21) trans-1,2-Dichloroethene	5.23	96	581539	137.509	ug/l	96
22) Diisopropyl ether	6.13	45	1538666	126.872	ug/l	97
23) Vinyl Acetate	6.07	43	4894374	639.817	ug/l	98
24) 1,1-Dichloroethane	6.03	63	950932	133.720	ug/l	98
25) 2-Butanone	7.00	43	908218	666.716	ug/l	95
26) 2,2-Dichloropropane	6.99	77	761667	129.785	ug/l	98
27) cis-1,2-Dichloroethene	6.99	96	634669	136.433	ug/l	99
28) Bromochloromethane	7.34	49	381149	138.038	ug/l	92
29) Tetrahydrofuran	7.35	42	626991	643.684	ug/l	96
30) Chloroform	7.52	83	908793	135.407	ug/l	100
31) Cyclohexane	7.79	56	933767	123.415	ug/l	99
32) 1,1,1-Trichloroethane	7.71	97	793372	139.162	ug/l	99
36) 1,1-Dichloropropene	7.93	75	763255	130.142	ug/l	99
37) Ethyl Acetate	7.08	43	413693	126.926	ug/l	99
38) Carbon Tetrachloride	7.91	117	695622	136.328	ug/l	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.19	83	1041719	134.403	ug/l		99
40) Benzene	8.17	78	2330856	132.018	ug/l		98
41) Methacrylonitrile	7.33	41	199386m	143.818	ug/l		
42) 1,2-Dichloroethane	8.24	62	561642	133.237	ug/l		100
43) Isopropyl Acetate	8.28	43	797518	133.113	ug/l		99
44) Trichloroethene	8.94	130	607744	130.405	ug/l		98
45) 1,2-Dichloropropane	9.22	63	579861	130.725	ug/l		99
46) Dibromomethane	9.31	93	305864	134.310	ug/l		99
47) Bromodichloromethane	9.50	83	715654	135.914	ug/l		100
48) Methyl methacrylate	9.30	41	346582	136.002	ug/l		98
49) 1,4-Dioxane	9.30	88	91849	2770.249	ug/l		93
51) 4-Methyl-2-Pentanone	10.07	43	2012517	640.870	ug/l		99
52) Toluene	10.24	92	1411076	129.476	ug/l		98
53) t-1,3-Dichloropropene	10.46	75	793719	139.448	ug/l		99
54) cis-1,3-Dichloropropene	9.93	75	924206	134.245	ug/l		99
55) 1,1,2-Trichloroethane	10.64	97	452000	132.710	ug/l		95
56) Ethyl methacrylate	10.51	69	667190	138.549	ug/l		98
57) 1,3-Dichloropropane	10.79	76	790129	132.288	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.78	63	1181299	625.514	ug/l		100
59) 2-Hexanone	10.83	43	1415589	653.322	ug/l		99
60) Dibromochloromethane	10.99	129	508154	140.985	ug/l		99
61) 1,2-Dibromoethane	11.09	107	445443	137.511	ug/l		100
64) Tetrachloroethene	10.72	164	585924	123.659	ug/l		98
65) Chlorobenzene	11.51	112	1483415	131.807	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.59	131	500448	135.276	ug/l		100
67) Ethyl Benzene	11.59	91	2662672	131.488	ug/l		99
68) m/p-Xylenes	11.70	106	2017199	262.241	ug/l		100
69) o-Xylene	12.02	106	945012	130.496	ug/l		100
70) Styrene	12.04	104	1644632	134.113	ug/l		100
71) Bromoform	12.20	173	298504	146.798	ug/l	#	100
73) Isopropylbenzene	12.33	105	2498816	136.079	ug/l		99
74) N-amyl acetate	12.14	43	662550	137.572	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.58	83	506771	140.841	ug/l		100
76) 1,2,3-Trichloropropane	12.63	75	324013m	107.143	ug/l		
77) Bromobenzene	12.61	156	553850	133.755	ug/l		98
78) n-propylbenzene	12.67	91	3040997	135.877	ug/l		100
79) 2-Chlorotoluene	12.75	91	1645942	132.693	ug/l		99
80) 1,3,5-Trimethylbenzene	12.81	105	2028844	134.557	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.38	75	205428	152.554	ug/l		98
82) 4-Chlorotoluene	12.85	91	1721989	133.827	ug/l		100
83) tert-Butylbenzene	13.07	119	1706200	134.848	ug/l		99
84) 1,2,4-Trimethylbenzene	13.11	105	2006508	132.054	ug/l		100
85) sec-Butylbenzene	13.25	105	2494706	133.545	ug/l		100
86) p-Isopropyltoluene	13.36	119	2109480	129.977	ug/l		99
87) 1,3-Dichlorobenzene	13.36	146	1029949	128.780	ug/l		99
88) 1,4-Dichlorobenzene	13.44	146	1047696	130.046	ug/l		100
89) n-Butylbenzene	13.69	91	2139775	131.230	ug/l		99
90) Hexachloroethane	13.95	117	422345	139.641	ug/l		100
91) 1,2-Dichlorobenzene	13.73	146	965125	131.177	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.35	75	82685	136.714	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	651191	131.118	ug/l	99
94) Hexachlorobutadiene	15.11	225	308652	130.507	ug/l	98
95) Naphthalene	15.23	128	1608747	138.965	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	591874	134.084	ug/l	99

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

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