Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_Y\DATA\VY100819\
Data File : VY000222.D
Acq On : 08 Oct 2019 14:06
Operator : SY/MD
Sample : VSTDICC075
Misc : 5.0ml/MSVOA_Y/WATER
ALS Vial : 7 Sample Multiplier: 1

Instrument :
MSVOA_Y
ClientSampleId :
VSTDICC075

Manual Integrations APPROVED
MMDadoda
10/10/2019 12:52:22 AM

Quant Time: Oct 08 14:43:09 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_Y\METHODS\82Y100819W.M
Quant Title : SW846 8260
QLast Update : Tue Oct 08 14:14:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.80	168	297878	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.70	114	507886	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.49	117	470063	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.42	152	224049	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.15	65	287211	100.60	ug/l		0.00
Spiked Amount 50.000			Recovery = 201.20%				
35) Dibromofluoromethane	7.73	113	233974	80.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 160.44%				
50) Toluene-d8	10.19	98	966842	89.87	ug/l		0.00
Spiked Amount 50.000			Recovery = 179.74%				
62) 4-Bromofluorobenzene	12.48	95	345255	88.98	ug/l		0.00
Spiked Amount 50.000			Recovery = 177.96%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.90	85	244295	107.698	ug/l		96
3) Chloromethane	2.12	50	310052	112.523	ug/l		95
4) Vinyl Chloride	2.25	62	330920	110.569	ug/l		97
5) Bromomethane	2.61	94	203011	84.343	ug/l		95
6) Chloroethane	2.77	64	209643	109.035	ug/l		98
7) Trichlorofluoromethane	3.12	101	423395	100.367	ug/l		95
8) Diethyl Ether	3.53	74	179641	109.653	ug/l		86
9) 1,1,2-Trichlorotrifluoroet	3.90	101	250856	101.003	ug/l		93
10) Methyl Iodide	4.09	142	402475	120.680	ug/l		95
11) Tert butyl alcohol	4.98	59	783557	545.423	ug/l		100
12) 1,1-Dichloroethene	3.87	96	261560	102.741	ug/l		85
13) Acrolein	3.73	56	367440	651.297	ug/l		97
14) Allyl chloride	4.48	41	432650	114.053	ug/l		90
15) Acrylonitrile	5.18	53	1458053	618.254	ug/l		100
16) Acetone	3.95	43	1200293	637.381	ug/l		99
17) Carbon Disulfide	4.19	76	778104	111.396	ug/l		100
18) Methyl Acetate	4.48	43	657255	127.664	ug/l		91
19) Methyl tert-butyl Ether	5.23	73	954804	116.301	ug/l		92
20) Methylene Chloride	4.72	84	297105	101.788	ug/l	#	89
21) trans-1,2-Dichloroethene	5.22	96	290346	109.684	ug/l		90
22) Diisopropyl ether	6.13	45	1048764	138.959	ug/l		96
23) Vinyl Acetate	6.07	43	4856694	690.701	ug/l	#	93
24) 1,1-Dichloroethane	6.03	63	513522	119.572	ug/l		95
25) 2-Butanone	7.00	43	2309565	680.903	ug/l		94
26) 2,2-Dichloropropane	6.99	77	450706	106.362	ug/l		99
27) cis-1,2-Dichloroethene	7.00	96	334808	106.135	ug/l		88
28) Bromochloromethane	7.35	49	167929	137.028	ug/l	#	81
29) Tetrahydrofuran	7.36	42	1626835	691.983	ug/l		91
30) Chloroform	7.52	83	522981	107.967	ug/l		98
31) Cyclohexane	7.79	56	519627	102.846	ug/l		94
32) 1,1,1-Trichloroethane	7.71	97	461290	108.489	ug/l		97
36) 1,1-Dichloropropene	7.93	75	414328	101.713	ug/l		95
37) Ethyl Acetate	7.09	43	727330	113.890	ug/l		99
38) Carbon Tetrachloride	7.91	117	402365	91.827	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.19	83	528766	97.539	ug/l		89
40) Benzene	8.17	78	1244599	102.007	ug/l		98
41) Methacrylonitrile	7.35	41	580710m	72.845	ug/l		
42) 1,2-Dichloroethane	8.25	62	402473	101.547	ug/l		96
43) Isopropyl Acetate	8.28	43	965078	116.643	ug/l		97
44) Trichloroethene	8.95	130	323868	82.674	ug/l		96
45) 1,2-Dichloropropane	9.22	63	313706	105.500	ug/l		94
46) Dibromomethane	9.31	93	209954	94.985	ug/l		88
47) Bromodichloromethane	9.50	83	425022	101.340	ug/l		100
48) Methyl methacrylate	9.30	41	432747	121.736	ug/l		91
49) 1,4-Dioxane	9.30	88	212991	1912.023	ug/l		87
51) 4-Methyl-2-Pentanone	10.08	43	3623027	592.080	ug/l		99
52) Toluene	10.25	92	813501	101.849	ug/l		98
53) t-1,3-Dichloropropene	10.47	75	497983	105.724	ug/l		100
54) cis-1,3-Dichloropropene	9.94	75	526280	104.320	ug/l		98
55) 1,1,2-Trichloroethane	10.65	97	316873	96.701	ug/l		99
56) Ethyl methacrylate	10.52	69	575734	115.490	ug/l		95
57) 1,3-Dichloropropane	10.80	76	537768	103.300	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.79	63	1011004	356.519	ug/l		89
59) 2-Hexanone	10.84	43	3089757	593.898	ug/l		100
60) Dibromochloromethane	10.99	129	332331	90.875	ug/l		100
61) 1,2-Dibromoethane	11.09	107	331974	93.470	ug/l		100
64) Tetrachloroethene	10.72	164	306610	73.446	ug/l		91
65) Chlorobenzene	11.52	112	821799	89.766	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.59	131	297093	86.558	ug/l		98
67) Ethyl Benzene	11.60	91	1539653	97.423	ug/l		97
68) m/p-Xylenes	11.70	106	1174316	188.451	ug/l		94
69) o-Xylene	12.03	106	566720	92.388	ug/l		94
70) Styrene	12.05	104	993510	97.830	ug/l		97
71) Bromoform	12.21	173	252165	83.355	ug/l	#	98
73) Isopropylbenzene	12.33	105	1510208	101.067	ug/l		97
74) N-amyl acetate	12.14	43	760020	131.389	ug/l		98
75) 1,1,2,2-Tetrachloroethane	12.58	83	504777	106.214	ug/l		97
76) 1,2,3-Trichloropropane	12.64	75	447549m	69.300	ug/l		
77) Bromobenzene	12.61	156	333415	85.086	ug/l		76
78) n-propylbenzene	12.67	91	1802266	105.919	ug/l		95
79) 2-Chlorotoluene	12.75	91	995155	103.444	ug/l		94
80) 1,3,5-Trimethylbenzene	12.81	105	1250460	99.509	ug/l		97
81) trans-1,4-Dichloro-2-buten	12.38	75	230729	118.741	ug/l		96
82) 4-Chlorotoluene	12.85	91	1037043	105.430	ug/l		94
83) tert-Butylbenzene	13.08	119	1064203	93.687	ug/l		95
84) 1,2,4-Trimethylbenzene	13.12	105	1266855	101.667	ug/l		97
85) sec-Butylbenzene	13.25	105	1516274	98.534	ug/l		96
86) p-Isopropyltoluene	13.37	119	1345432	96.255	ug/l		97
87) 1,3-Dichlorobenzene	13.36	146	636473	88.184	ug/l		96
88) 1,4-Dichlorobenzene	13.44	146	631061	86.748	ug/l		97
89) n-Butylbenzene	13.69	91	1303105	106.203	ug/l		97
90) Hexachloroethane	13.96	117	258503	98.246	ug/l		86
91) 1,2-Dichlorobenzene	13.74	146	617652	88.054	ug/l		98
92) 1,2-Dibromo-3-Chloropropan	14.36	75	160796	103.776	ug/l		83

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	15.00	180	427079	84.684	ug/l	97
94) Hexachlorobutadiene	15.11	225	195420	72.508	ug/l	98
95) Naphthalene	15.23	128	1609641	94.437	ug/l	100
96) 1,2,3-Trichlorobenzene	15.42	180	408179	81.103	ug/l	98

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

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