Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN121319\
Data File : VN059591.D
Acq On : 13 Dec 2019 18:12
Operator : JC/SP
Sample : VSTDICC005
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 10 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VSTDICC005

Manual Integrations APPROVED
apatel
12/16/2019 12:49:06 PM

Quant Time: Dec 13 22:39:02 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 22:31:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.64	168	252149	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.57	114	408213	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.40	117	358377	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	151625	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.00	65	20282	5.60	ug/l	0.00
Spiked Amount 50.000			Recovery = 11.20%			
35) Dibromofluoromethane	7.56	113	13430	5.42	ug/l	0.00
Spiked Amount 50.000			Recovery = 10.84%			
50) Toluene-d8	10.08	98	52977	5.20	ug/l	0.00
Spiked Amount 50.000			Recovery = 10.40%			
62) 4-Bromofluorobenzene	12.40	95	18527	5.03	ug/l	0.00
Spiked Amount 50.000			Recovery = 10.06%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.83	85	18302	6.105	ug/l	99
3) Chloromethane	2.04	50	27018	5.886	ug/l	97
4) Vinyl Chloride	2.17	62	27004	6.030	ug/l	100
5) Bromomethane	2.52	94	17518	6.400	ug/l	95
6) Chloroethane	2.67	64	13914	5.237	ug/l	95
7) Trichlorofluoromethane	2.99	101	28970	5.433	ug/l	93
8) Diethyl Ether	3.38	74	8983	4.953	ug/l	92
9) 1,1,2-Trichlorotrifluoroet	3.73	101	15190	5.519	ug/l	98
10) Methyl Iodide	3.92	142	16726	4.447	ug/l	98
11) Tert butyl alcohol	4.76	59	17350	28.365	ug/l	96
12) 1,1-Dichloroethene	3.71	96	14136	5.254	ug/l	96
13) Acrolein	3.58	56	10809	30.995	ug/l	96
14) Allyl chloride	4.29	41	28066	5.438	ug/l	95
15) Acrylonitrile	4.95	53	41803	26.526	ug/l	98
16) Acetone	3.79	43	51492	28.928	ug/l	97
17) Carbon Disulfide	4.02	76	47038	4.761	ug/l	99
18) Methyl Acetate	4.30	43	23139	5.222	ug/l	98
19) Methyl tert-butyl Ether	5.01	73	48648	5.445	ug/l	99
20) Methylene Chloride	4.52	84	17014	4.990	ug/l	97
21) trans-1,2-Dichloroethene	5.01	96	15370	5.340	ug/l	95
22) Diisopropyl ether	5.92	45	51100	5.203	ug/l	95
23) Vinyl Acetate	5.86	43	190339	23.400	ug/l	99
24) 1,1-Dichloroethane	5.82	63	30148	5.401	ug/l	97
25) 2-Butanone	6.81	43	64704	28.024	ug/l	99
26) 2,2-Dichloropropane	6.80	77	27540	5.457	ug/l	97
27) cis-1,2-Dichloroethene	6.80	96	17411	5.371	ug/l	99
28) Bromochloromethane	7.17	49	5814	3.198	ug/l #	98
29) Tetrahydrofuran	7.19	42	40515	25.718	ug/l	98
30) Chloroform	7.35	83	29394	5.339	ug/l	98
31) Cyclohexane	7.63	56	31642	5.831	ug/l #	80
32) 1,1,1-Trichloroethane	7.54	97	26429	5.409	ug/l	99
36) 1,1-Dichloropropene	7.77	75	22174	5.214	ug/l	98
37) Ethyl Acetate	6.90	43	24199	5.460	ug/l	99
38) Carbon Tetrachloride	7.75	117	23096	5.495	ug/l	97

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ALS Vial : 10 Sample Multiplier: 1

Instrument :
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ClientSampleId :
VSTDICC005

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Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N121319W.M
Quant Title : SW846 8260
QLast Update : Fri Dec 13 22:31:32 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.07	83	24201	5.079 ug/l		96
40) Benzene	8.02	78	64843	5.326 ug/l		99
41) Methacrylonitrile	7.15	41	9380m	4.593 ug/l		
42) 1,2-Dichloroethane	8.10	62	25512	5.613 ug/l		99
43) Isopropyl Acetate	8.14	43	38336	5.202 ug/l	#	92
44) Trichloroethene	8.82	130	17152	5.559 ug/l		94
45) 1,2-Dichloropropane	9.10	63	17362	5.386 ug/l		100
46) Dibromomethane	9.19	93	11549	5.407 ug/l		98
47) Bromodichloromethane	9.39	83	22778	5.376 ug/l		99
48) Methyl methacrylate	9.19	41	16683	5.157 ug/l		97
49) 1,4-Dioxane	9.19	88	4440	102.607 ug/l	#	90
51) 4-Methyl-2-Pentanone	9.97	43	111960	26.133 ug/l		99
52) Toluene	10.15	92	39827	5.482 ug/l		97
53) t-1,3-Dichloropropene	10.37	75	25306	5.119 ug/l		99
54) cis-1,3-Dichloropropene	9.83	75	26661	5.262 ug/l		98
55) 1,1,2-Trichloroethane	10.55	97	15209	5.175 ug/l		94
56) Ethyl methacrylate	10.42	69	19525	4.495 ug/l		94
57) 1,3-Dichloropropane	10.70	76	26684	5.314 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.68	63	37833	27.504 ug/l		99
59) 2-Hexanone	10.74	43	84621	26.063 ug/l		98
60) Dibromochloromethane	10.90	129	16100	5.053 ug/l		99
61) 1,2-Dibromoethane	11.00	107	15466	5.062 ug/l		99
64) Tetrachloroethene	10.62	164	19097	6.867 ug/l		98
65) Chlorobenzene	11.43	112	41795	5.462 ug/l		95
66) 1,1,1,2-Tetrachloroethane	11.50	131	16010	5.600 ug/l		99
67) Ethyl Benzene	11.51	91	72058	5.241 ug/l		99
68) m/p-Xylenes	11.62	106	53255	10.455 ug/l		96
69) o-Xylene	11.95	106	24874	5.230 ug/l		100
70) Styrene	11.96	104	37123	4.713 ug/l		98
71) Bromoform	12.12	173	10894	4.916 ug/l	#	97
73) Isopropylbenzene	12.25	105	65286	5.508 ug/l		99
74) N-amyl acetate	12.07	43	28085	5.408 ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.50	83	20684	5.229 ug/l		95
76) 1,2,3-Trichloropropane	12.55	75	18148m	4.549 ug/l		
77) Bromobenzene	12.53	156	15791	5.432 ug/l		97
78) n-propylbenzene	12.59	91	74653	5.181 ug/l		100
79) 2-Chlorotoluene	12.67	91	45614	5.304 ug/l		99
80) 1,3,5-Trimethylbenzene	12.73	105	55292	5.513 ug/l		98
81) trans-1,4-Dichloro-2-buten	12.30	75	7779	5.150 ug/l		99
82) 4-Chlorotoluene	12.77	91	46419	5.299 ug/l		100
83) tert-Butylbenzene	12.99	119	46670	5.591 ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	54041	5.463 ug/l		99
85) sec-Butylbenzene	13.17	105	61738	5.398 ug/l		99
86) p-Isopropyltoluene	13.29	119	54886	5.379 ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	28649	5.377 ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	28720	5.517 ug/l		95
89) n-Butylbenzene	13.62	91	49262	5.122 ug/l		99
90) Hexachloroethane	13.87	117	10431	5.532 ug/l		94
91) 1,2-Dichlorobenzene	13.65	146	27854	5.550 ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	6136	6.118 ug/l		77

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	18109	5.305 ug/l	98
94) Hexachlorobutadiene	15.01	225	10191	5.913 ug/l	97
95) Naphthalene	15.12	128	50559	5.027 ug/l	99
96) 1,2,3-Trichlorobenzene	15.29	180	18849	5.373 ug/l	98

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

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