Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN060819\
Data File : VN056154.D
Acq On : 8 Jun 2019 15:23
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 73 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
6/10/2019 11:25:52 AM

Quant Time: Jun 10 03:35:05 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N060419W.M
Quant Title : SW846 8260
QLast Update : Tue Jun 04 11:02:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) Pentafluorobenzene	7.66	168	293346	50.00	ug/l	0.00
34) 1,4-Difluorobenzene	8.58	114	422063	50.00	ug/l	0.00
63) Chlorobenzene-d5	11.41	117	381829	50.00	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	174394	50.00	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.02	65	143735	49.35	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.70%			
35) Dibromofluoromethane	7.59	113	130174	50.27	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.54%			
50) Toluene-d8	10.09	98	492384	49.41	ug/l	0.00
Spiked Amount 50.000			Recovery = 98.82%			
62) 4-Bromofluorobenzene	12.40	95	170039	50.18	ug/l	0.00
Spiked Amount 50.000			Recovery = 100.36%			
Target Compounds						Qvalue
2) Dichlorodifluoromethane	1.85	85	156337	48.522	ug/l	100
3) Chloromethane	2.06	50	161033	50.641	ug/l	99
4) Vinyl Chloride	2.19	62	158384	49.655	ug/l	99
5) Bromomethane	2.53	94	96635	47.960	ug/l	100
6) Chloroethane	2.68	64	89895	48.608	ug/l	99
7) Trichlorofluoromethane	3.00	101	199196	48.918	ug/l	97
8) Diethyl Ether	3.40	74	79913	47.722	ug/l	96
9) 1,1,2-Trichlorotrifluoroet	3.74	101	126885	51.296	ug/l	99
10) Methyl Iodide	3.94	142	180436	45.902	ug/l	99
11) Tert butyl alcohol	4.82	59	133688	263.752	ug/l	99
12) 1,1-Dichloroethene	3.72	96	121627	49.390	ug/l	97
13) Acrolein	3.60	56	38143	260.923	ug/l	98
14) Allyl chloride	4.31	41	195904	50.380	ug/l	98
15) Acrylonitrile	4.99	53	352290	285.518	ug/l	99
16) Acetone	3.82	43	438580	314.836	ug/l	98
17) Carbon Disulfide	4.04	76	255500	43.332	ug/l	99
18) Methyl Acetate	4.33	43	158777	58.119	ug/l	99
19) Methyl tert-butyl Ether	5.05	73	402248	51.244	ug/l	99
20) Methylene Chloride	4.55	84	143357	49.950	ug/l	99
21) trans-1,2-Dichloroethene	5.03	96	131446	49.817	ug/l	98
22) Diisopropyl ether	5.95	45	413453	51.436	ug/l	98
23) Vinyl Acetate	5.90	43	1718768	271.522	ug/l	100
24) 1,1-Dichloroethane	5.84	63	235634	50.819	ug/l	100
25) 2-Butanone	6.84	43	540551	307.120	ug/l	99
26) 2,2-Dichloropropane	6.82	77	171882	47.506	ug/l	98
27) cis-1,2-Dichloroethene	6.82	96	155070	49.997	ug/l	98
28) Bromochloromethane	7.19	49	113704	51.855	ug/l	99
29) Tetrahydrofuran	7.22	42	302290	277.848	ug/l	99
30) Chloroform	7.37	83	239953	51.443	ug/l	100
31) Cyclohexane	7.65	56	215355	46.595	ug/l	96
32) 1,1,1-Trichloroethane	7.57	97	197184	50.624	ug/l	99
36) 1,1-Dichloropropene	7.79	75	174354	48.043	ug/l	99
37) Ethyl Acetate	6.93	43	183953	56.968	ug/l	99
38) Carbon Tetrachloride	7.77	117	162007	48.420	ug/l	98

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Response via : Initial Calibration

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	219104	48.465	ug/l		99
40) Benzene	8.04	78	557870	50.612	ug/l		100
41) Methacrylonitrile	7.18	41	88048	59.264	ug/l		98
42) 1,2-Dichloroethane	8.12	62	177371	50.026	ug/l		100
43) Isopropyl Acetate	8.17	43	281178	53.736	ug/l	#	93
44) Trichloroethene	8.83	130	156045	49.267	ug/l		99
45) 1,2-Dichloropropane	9.12	63	149204	52.847	ug/l		99
46) Dibromomethane	9.21	93	96416	52.222	ug/l		99
47) Bromodichloromethane	9.40	83	172760	51.629	ug/l		98
48) Methyl methacrylate	9.20	41	140721	54.971	ug/l		97
49) 1,4-Dioxane	9.20	88	60778	1099.736	ug/l		100
51) 4-Methyl-2-Pentanone	9.99	43	913070	279.038	ug/l		99
52) Toluene	10.16	92	352083	51.332	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	180562	46.215	ug/l		100
54) cis-1,3-Dichloropropene	9.84	75	215229	53.511	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	143959	52.986	ug/l		98
56) Ethyl methacrylate	10.43	69	216401	54.596	ug/l		99
57) 1,3-Dichloropropane	10.71	76	234666	53.131	ug/l		100
58) 2-Chloroethyl Vinyl ether	9.70	63	376478	240.181	ug/l		100
59) 2-Hexanone	10.75	43	687587	289.923	ug/l		99
60) Dibromochloromethane	10.90	129	140790	47.133	ug/l		100
61) 1,2-Dibromoethane	11.00	107	148158	53.342	ug/l		98
64) Tetrachloroethene	10.63	164	157247	47.576	ug/l		98
65) Chlorobenzene	11.43	112	377691	49.702	ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	135571	51.668	ug/l		100
67) Ethyl Benzene	11.51	91	658589	49.841	ug/l		100
68) m/p-Xylenes	11.62	106	507912	100.621	ug/l		99
69) o-Xylene	11.95	106	248981	50.144	ug/l		98
70) Styrene	11.96	104	414299	52.515	ug/l		99
71) Bromoform	12.13	173	101041	46.094	ug/l	#	100
73) Isopropylbenzene	12.25	105	656425	52.949	ug/l		100
74) N-amyl acetate	12.07	43	233017	50.125	ug/l		97
75) 1,1,2,2-Tetrachloroethane	12.50	83	204201	50.439	ug/l		100
76) 1,2,3-Trichloropropane	12.55	75	163031m	50.805	ug/l		
77) Bromobenzene	12.53	156	179294	48.020	ug/l		96
78) n-propylbenzene	12.59	91	704057	47.721	ug/l		99
79) 2-Chlorotoluene	12.67	91	430078	52.680	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	540534	46.099	ug/l		99
81) trans-1,4-Dichloro-2-buten	12.30	75	48427	50.257	ug/l		88
82) 4-Chlorotoluene	12.77	91	417388	48.356	ug/l		99
83) tert-Butylbenzene	12.99	119	478816	52.782	ug/l		99
84) 1,2,4-Trimethylbenzene	13.04	105	535705	48.178	ug/l		100
85) sec-Butylbenzene	13.17	105	615045	47.073	ug/l		99
86) p-Isopropyltoluene	13.29	119	560699	47.950	ug/l		99
87) 1,3-Dichlorobenzene	13.28	146	286656	49.605	ug/l		99
88) 1,4-Dichlorobenzene	13.36	146	273923	49.276	ug/l		99
89) n-Butylbenzene	13.61	91	423343	48.872	ug/l		100
90) Hexachloroethane	13.87	117	84488	47.910	ug/l		99
91) 1,2-Dichlorobenzene	13.65	146	284128	48.700	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	30359	52.429	ug/l		95

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	138020	43.533	ug/l	99
94) Hexachlorobutadiene	15.01	225	106828	53.534	ug/l	99
95) Naphthalene	15.13	128	365239	44.265	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	151256	46.396	ug/l	100

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

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