Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040119\
Data File : VN054888.D
Acq On : 1 Apr 2019 21:13
Operator : JC/SP
Sample : VSTDCCC050
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 25 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VSTDCCC050EC

Manual Integrations APPROVED
MMDadoda
4/2/2019 10:51:21 AM

Quant Time: Apr 02 07:07:47 2019
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N032919W.M
Quant Title : SW846 8260
QLast Update : Sat Mar 30 00:48:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	374609	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	633241	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	554930	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	244859	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	286133	56.66	ug/l		0.00
Spiked Amount 50.000			Recovery = 113.32%				
35) Dibromofluoromethane	7.59	113	228140	54.04	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.08%				
50) Toluene-d8	10.09	98	851934	54.28	ug/l		0.00
Spiked Amount 50.000			Recovery = 108.56%				
62) 4-Bromofluorobenzene	12.40	95	288247	55.22	ug/l		0.00
Spiked Amount 50.000			Recovery = 110.44%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	184713	48.748	ug/l		100
3) Chloromethane	2.06	50	270029	51.539	ug/l		100
4) Vinyl Chloride	2.19	62	245168	52.109	ug/l		100
5) Bromomethane	2.57	94	135498	55.162	ug/l		94
6) Chloroethane	2.71	64	138782	52.825	ug/l		99
7) Trichlorofluoromethane	3.03	101	311179	53.796	ug/l		99
8) Diethyl Ether	3.41	74	104057	55.867	ug/l		70
9) 1,1,2-Trichlorotrifluoroet	3.75	101	159326	52.323	ug/l		93
10) Methyl Iodide	3.95	142	224922	53.957	ug/l	#	87
11) Tert butyl alcohol	4.82	59	71633	272.260	ug/l	#	86
12) 1,1-Dichloroethene	3.73	96	158069	53.680	ug/l	#	72
13) Acrolein	3.61	56	94019	399.721	ug/l		95
14) Allyl chloride	4.32	41	382453	52.730	ug/l	#	92
15) Acrylonitrile	5.00	53	409136	279.766	ug/l		99
16) Acetone	3.82	43	284981	236.654	ug/l	#	82
17) Carbon Disulfide	4.04	76	482870	50.558	ug/l		98
18) Methyl Acetate	4.33	43	183410	58.634	ug/l	#	87
19) Methyl tert-butyl Ether	5.05	73	562549	54.615	ug/l		96
20) Methylene Chloride	4.55	84	227648	53.593	ug/l	#	82
21) trans-1,2-Dichloroethene	5.04	96	206602	53.416	ug/l	#	84
22) Diisopropyl ether	5.96	45	812004	56.604	ug/l	#	94
23) Vinyl Acetate	5.90	43	2860286	286.516	ug/l	#	92
24) 1,1-Dichloroethane	5.85	63	425477	55.601	ug/l		98
25) 2-Butanone	6.85	43	498713	280.168	ug/l	#	89
26) 2,2-Dichloropropane	6.82	77	274476	51.175	ug/l		99
27) cis-1,2-Dichloroethene	6.83	96	242881	55.588	ug/l		89
28) Bromochloromethane	7.19	49	215630	56.352	ug/l	#	72
29) Tetrahydrofuran	7.22	42	336843	272.454	ug/l	#	83
30) Chloroform	7.37	83	410964	56.321	ug/l		99
31) Cyclohexane	7.65	56	382372	55.047	ug/l		87
32) 1,1,1-Trichloroethane	7.57	97	339664	56.171	ug/l		95
36) 1,1-Dichloropropene	7.79	75	304917	51.676	ug/l		96
37) Ethyl Acetate	6.94	43	219790	50.794	ug/l		96
38) Carbon Tetrachloride	7.77	117	289495	50.513	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
39) Methylcyclohexane	9.08	83	324405	50.008 ug/l		90
40) Benzene	8.04	78	916441	54.279 ug/l		99
41) Methacrylonitrile	7.17	41	139314	57.314 ug/l	#	87
42) 1,2-Dichloroethane	8.12	62	322737	53.535 ug/l		97
43) Isopropyl Acetate	8.17	43	392099	55.768 ug/l	#	94
44) Trichloroethene	8.83	130	233560	53.290 ug/l		90
45) 1,2-Dichloropropane	9.12	63	256085	53.193 ug/l		99
46) Dibromomethane	9.21	93	144807	53.469 ug/l		88
47) Bromodichloromethane	9.40	83	314899	55.948 ug/l		99
48) Methyl methacrylate	9.20	41	198881	52.183 ug/l		88
49) 1,4-Dioxane	9.20	88	43624	1153.585 ug/l	#	87
51) 4-Methyl-2-Pentanone	9.99	43	1111024	281.065 ug/l		92
52) Toluene	10.16	92	547903	54.536 ug/l		100
53) t-1,3-Dichloropropene	10.38	75	297923	56.270 ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	357406	56.511 ug/l		92
55) 1,1,2-Trichloroethane	10.56	97	200394	53.643 ug/l		95
56) Ethyl methacrylate	10.43	69	265702	54.220 ug/l	#	83
57) 1,3-Dichloropropane	10.71	76	354846	55.251 ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	491208	233.416 ug/l		90
59) 2-Hexanone	10.75	43	679425	268.494 ug/l		90
60) Dibromochloromethane	10.90	129	217949	57.595 ug/l		100
61) 1,2-Dibromoethane	11.00	107	193870	54.305 ug/l		99
64) Tetrachloroethene	10.63	164	219829	51.623 ug/l		97
65) Chlorobenzene	11.43	112	577107	53.116 ug/l		99
66) 1,1,1,2-Tetrachloroethane	11.51	131	223659	54.997 ug/l		99
67) Ethyl Benzene	11.51	91	1040585	53.074 ug/l		99
68) m/p-Xylenes	11.62	106	766341	105.621 ug/l		94
69) o-Xylene	11.95	106	373559	52.505 ug/l		94
70) Styrene	11.96	104	634010	55.733 ug/l		98
71) Bromoform	12.13	173	134822	56.590 ug/l	#	98
73) Isopropylbenzene	12.25	105	1001105	50.021 ug/l		98
74) N-amyl acetate	12.07	43	319036	51.168 ug/l		93
75) 1,1,2,2-Tetrachloroethane	12.50	83	246722	56.131 ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	220039m	51.728 ug/l		
77) Bromobenzene	12.53	156	248696	51.487 ug/l		86
78) n-propylbenzene	12.59	91	1111739	50.540 ug/l		96
79) 2-Chlorotoluene	12.67	91	685727	50.388 ug/l		94
80) 1,3,5-Trimethylbenzene	12.73	105	816817	49.739 ug/l		98
81) trans-1,4-Dichloro-2-buten	12.30	75	53595	49.009 ug/l	#	83
82) 4-Chlorotoluene	12.77	91	661895	50.074 ug/l		96
83) tert-Butylbenzene	12.99	119	700581	55.280 ug/l		96
84) 1,2,4-Trimethylbenzene	13.04	105	822035	52.542 ug/l		96
85) sec-Butylbenzene	13.17	105	901623	50.541 ug/l		97
86) p-Isopropyltoluene	13.29	119	776821	49.372 ug/l		98
87) 1,3-Dichlorobenzene	13.28	146	413183	51.092 ug/l		98
88) 1,4-Dichlorobenzene	13.36	146	396981	50.050 ug/l		98
89) n-Butylbenzene	13.61	91	631055	49.158 ug/l		97
90) Hexachloroethane	13.87	117	138344	51.787 ug/l		88
91) 1,2-Dichlorobenzene	13.65	146	412585	50.552 ug/l		97
92) 1,2-Dibromo-3-Chloropropan	14.27	75	35404	51.746 ug/l		85

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	191077	48.561	ug/l	98
94) Hexachlorobutadiene	15.01	225	112389	48.152	ug/l	98
95) Naphthalene	15.13	128	421351	47.745	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	193547	48.706	ug/l	99

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

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