Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN040319\
Data File : VN054926.D
Acq On : 3 Apr 2019 15:07
Operator : JC/SP
Sample : VN0403WBSD01
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 14 Sample Multiplier: 1

Instrument :
MSVOA_N
ClientSampleId :
VN0403WBSD01

Manual Integrations APPROVED
MMDadoda
4/4/2019 9:30:54 AM

Quant Time: Apr 04 02:25:26 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	397903	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	667994	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	575878	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.34	152	238134	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	277666	51.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 103.54%				
35) Dibromofluoromethane	7.59	113	226803	50.93	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.86%				
50) Toluene-d8	10.09	98	828961	50.07	ug/l		0.00
Spiked Amount 50.000			Recovery = 100.14%				
62) 4-Bromofluorobenzene	12.40	95	272803	49.54	ug/l		0.00
Spiked Amount 50.000			Recovery = 99.08%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	75898	18.858	ug/l		98
3) Chloromethane	2.06	50	109222	19.626	ug/l		100
4) Vinyl Chloride	2.19	62	99768	19.964	ug/l		99
5) Bromomethane	2.58	94	56056	20.048	ug/l		97
6) Chloroethane	2.71	64	57225	20.506	ug/l		100
7) Trichlorofluoromethane	3.02	101	128508	20.916	ug/l		96
8) Diethyl Ether	3.41	74	42531	21.498	ug/l		70
9) 1,1,2-Trichlorotrifluoroet	3.75	101	67454	20.855	ug/l		91
10) Methyl Iodide	3.94	142	91137	20.583	ug/l	#	88
11) Tert butyl alcohol	4.82	59	29807	106.657	ug/l	#	88
12) 1,1-Dichloroethene	3.73	96	66300	21.197	ug/l	#	79
13) Acrolein	3.61	56	22938	91.812	ug/l		99
14) Allyl chloride	4.32	41	154866	20.102	ug/l	#	92
15) Acrylonitrile	5.00	53	169820	109.324	ug/l		100
16) Acetone	3.82	43	121367	94.886	ug/l	#	83
17) Carbon Disulfide	4.04	76	182742	18.014	ug/l		98
18) Methyl Acetate	4.33	43	81002	23.832	ug/l	#	88
19) Methyl tert-butyl Ether	5.05	73	238184	21.770	ug/l		98
20) Methylene Chloride	4.55	84	93610	20.748	ug/l	#	79
21) trans-1,2-Dichloroethene	5.04	96	83585	20.346	ug/l	#	79
22) Diisopropyl ether	5.96	45	332268	21.806	ug/l	#	95
23) Vinyl Acetate	5.90	43	1154673	108.893	ug/l	#	92
24) 1,1-Dichloroethane	5.85	63	174475	21.465	ug/l		98
25) 2-Butanone	6.85	43	203131	107.435	ug/l	#	88
26) 2,2-Dichloropropane	6.82	77	112506	19.748	ug/l		97
27) cis-1,2-Dichloroethene	6.83	96	100006	21.548	ug/l		88
28) Bromochloromethane	7.19	49	85371	21.005	ug/l	#	71
29) Tetrahydrofuran	7.22	42	139448	106.189	ug/l	#	84
30) Chloroform	7.37	83	172249	22.224	ug/l		98
31) Cyclohexane	7.65	56	158365	20.153	ug/l		89
32) 1,1,1-Trichloroethane	7.57	97	138345	21.539	ug/l		95
36) 1,1-Dichloropropene	7.79	75	120852	19.416	ug/l		96
37) Ethyl Acetate	6.94	43	95261	20.870	ug/l		96
38) Carbon Tetrachloride	7.77	117	118434	19.590	ug/l		98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
39) Methylcyclohexane	9.08	83	132177	19.315 ug/l #	88
40) Benzene	8.04	78	368892	20.712 ug/l	98
41) Methacrylonitrile	7.18	41	57648	22.482 ug/l #	82
42) 1,2-Dichloroethane	8.13	62	132579	20.848 ug/l	99
43) Isopropyl Acetate	8.17	43	160295	21.613 ug/l #	94
44) Trichloroethene	8.83	130	93991	20.330 ug/l	94
45) 1,2-Dichloropropane	9.12	63	108999	21.463 ug/l	97
46) Dibromomethane	9.21	93	59764	20.920 ug/l	89
47) Bromodichloromethane	9.40	83	124690	21.001 ug/l	100
48) Methyl methacrylate	9.20	41	81001	20.147 ug/l	89
49) 1,4-Dioxane	9.20	88	17371	435.457 ug/l #	81
51) 4-Methyl-2-Pentanone	9.99	43	452746	108.576 ug/l	94
52) Toluene	10.16	92	220727	20.827 ug/l	98
53) t-1,3-Dichloropropene	10.38	75	114533	20.507 ug/l	96
54) cis-1,3-Dichloropropene	9.84	75	141942	21.275 ug/l #	90
55) 1,1,2-Trichloroethane	10.56	97	82709	20.988 ug/l	96
56) Ethyl methacrylate	10.43	69	109001	21.086 ug/l #	85
57) 1,3-Dichloropropane	10.71	76	149474	22.063 ug/l	98
58) 2-Chloroethyl Vinyl ether	9.70	63	215241	103.012 ug/l	91
59) 2-Hexanone	10.75	43	280456	105.064 ug/l	89
60) Dibromochloromethane	10.90	129	86729	21.727 ug/l	98
61) 1,2-Dibromoethane	11.00	107	78797	20.924 ug/l	100
64) Tetrachloroethene	10.63	164	88884	20.114 ug/l	96
65) Chlorobenzene	11.43	112	231093	20.496 ug/l	100
66) 1,1,1,2-Tetrachloroethane	11.51	131	89419	21.188 ug/l	98
67) Ethyl Benzene	11.51	91	414581	20.376 ug/l	98
68) m/p-Xylenes	11.62	106	306551	40.713 ug/l	94
69) o-Xylene	11.95	106	150865	20.433 ug/l	94
70) Styrene	11.96	104	246732	20.900 ug/l	97
71) Bromoform	12.12	173	50050	20.244 ug/l #	99
73) Isopropylbenzene	12.25	105	402409	20.674 ug/l	97
74) N-amyl acetate	12.07	43	124006	20.450 ug/l	92
75) 1,1,2,2-Tetrachloroethane	12.50	83	102720	23.015 ug/l	98
76) 1,2,3-Trichloropropane	12.55	75	89599m	21.658 ug/l	
77) Bromobenzene	12.53	156	98817	21.036 ug/l	86
78) n-propylbenzene	12.59	91	443066	20.711 ug/l	95
79) 2-Chlorotoluene	12.67	91	276256	20.873 ug/l	93
80) 1,3,5-Trimethylbenzene	12.73	105	333359	20.873 ug/l	99
81) trans-1,4-Dichloro-2-buten	12.30	75	20750	19.510 ug/l	88
82) 4-Chlorotoluene	12.77	91	260932	20.298 ug/l	96
83) tert-Butylbenzene	12.99	119	287681	22.083 ug/l	95
84) 1,2,4-Trimethylbenzene	13.04	105	326886	21.484 ug/l	96
85) sec-Butylbenzene	13.17	105	363090	20.928 ug/l	96
86) p-Isopropyltoluene	13.29	119	315019	20.587 ug/l	98
87) 1,3-Dichlorobenzene	13.28	146	160683	20.430 ug/l	98
88) 1,4-Dichlorobenzene	13.36	146	151874	19.688 ug/l	97
89) n-Butylbenzene	13.62	91	236659	18.956 ug/l	97
90) Hexachloroethane	13.87	117	52019	20.022 ug/l	87
91) 1,2-Dichlorobenzene	13.65	146	162972	20.532 ug/l	100
92) 1,2-Dibromo-3-Chloropropan	14.27	75	13948	20.962 ug/l	84

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	67927	17.751	ug/l	98
94) Hexachlorobutadiene	15.01	225	49599	20.651	ug/l	99
95) Naphthalene	15.13	128	149741	17.447	ug/l	100
96) 1,2,3-Trichlorobenzene	15.31	180	71740	18.563	ug/l	99

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

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