Quantitation Report (QT Reviewed)

Data Path : Z:\VOASRV\HPCHEM1\MSVOA_N\DATA\VN082018\
Data File : VN050770.D
Acq On : 20 Aug 2018 13:32
Operator : MD\SY
Sample : VN0820WBS02
Misc : 5.00mL/MSVOA_N/WATER
ALS Vial : 9 Sample Multiplier: 1

Instrument : MSVOA_N
ClientSampleId : VN0820WBS02

Manual Integrations APPROVED
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8/21/2018 2:13:14 PM

Quant Time: Aug 21 03:53:00 2018
Quant Method : Z:\VOASRV\HPCHEM1\MSVOA_N\METHODS\82N081418W.M
Quant Title : SW846 8260
QLast Update : Tue Aug 14 08:07:08 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) Pentafluorobenzene	7.67	168	661987	50.00	ug/l		0.00
34) 1,4-Difluorobenzene	8.59	114	945610	50.00	ug/l		0.00
63) Chlorobenzene-d5	11.41	117	851230	50.00	ug/l		0.00
72) 1,4-Dichlorobenzene-d4	13.35	152	407765	50.00	ug/l		0.00
System Monitoring Compounds							
33) 1,2-Dichloroethane-d4	8.03	65	404670	48.50	ug/l		0.00
Spiked Amount 50.000			Recovery = 97.00%				
35) Dibromofluoromethane	7.59	113	382067	50.61	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.22%				
50) Toluene-d8	10.09	98	1442641	50.77	ug/l		0.00
Spiked Amount 50.000			Recovery = 101.54%				
62) 4-Bromofluorobenzene	12.40	95	451601	48.11	ug/l		0.00
Spiked Amount 50.000			Recovery = 96.22%				
Target Compounds							Qvalue
2) Dichlorodifluoromethane	1.85	85	127816	17.13	ug/l		99
3) Chloromethane	2.06	50	168552	18.22	ug/l		100
4) Vinyl Chloride	2.18	62	174306	17.58	ug/l		99
5) Bromomethane	2.56	94	97706	16.96	ug/l		97
6) Chloroethane	2.70	64	105678	18.17	ug/l		99
7) Trichlorofluoromethane	3.01	101	231366	17.79	ug/l		99
8) Diethyl Ether	3.41	74	79683	18.41	ug/l		98
9) 1,1,2-Trichlorotrifluoroet	3.76	101	147563	18.76	ug/l		100
10) Methyl Iodide	3.95	142	89604	20.75	ug/l		100
11) Tert butyl alcohol	4.79	59	43126	94.65	ug/l	#	72
12) 1,1-Dichloroethene	3.74	96	130069	18.11	ug/l		95
13) Acrolein	3.61	56	34259	195.15	ug/l		98
14) Allyl chloride	4.32	41	202610	18.13	ug/l		99
15) Acrylonitrile	4.99	53	230896	92.27	ug/l		99
16) Acetone	3.82	43	216350	102.99	ug/l		97
17) Carbon Disulfide	4.05	76	379899	16.81	ug/l		99
18) Methyl Acetate	4.33	43	122069	20.24	ug/l		99
19) Methyl tert-butyl Ether	5.05	73	344520	18.85	ug/l		100
20) Methylene Chloride	4.55	84	154755	18.72	ug/l		97
21) trans-1,2-Dichloroethene	5.05	96	140169	18.00	ug/l		99
22) Diisopropyl ether	5.95	45	450185	19.65	ug/l		95
23) Vinyl Acetate	5.90	43	1400527	93.46	ug/l		100
24) 1,1-Dichloroethane	5.85	63	271760	18.33	ug/l		99
25) 2-Butanone	6.84	43	326453	95.42	ug/l		100
26) 2,2-Dichloropropane	6.83	77	218575	22.03	ug/l		99
27) cis-1,2-Dichloroethene	6.83	96	160082	18.46	ug/l		98
28) Bromochloromethane	7.20	49	131049	19.43	ug/l		98
29) Tetrahydrofuran	7.21	42	168294	94.21	ug/l		99
30) Chloroform	7.37	83	272710	18.16	ug/l		97
31) Cyclohexane	7.65	56	236301	18.46	ug/l		97
32) 1,1,1-Trichloroethane	7.57	97	232948	18.42	ug/l		99
36) 1,1-Dichloropropene	7.79	75	202637	19.25	ug/l		100
37) Ethyl Acetate	6.93	43	118963	19.99	ug/l		99
38) Carbon Tetrachloride	7.78	117	205756	18.84	ug/l		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
39) Methylcyclohexane	9.08	83	214404	19.67	ug/l		96
40) Benzene	8.04	78	622100	19.43	ug/l		99
41) Methacrylonitrile	7.17	41	58291	18.12	ug/l		91
42) 1,2-Dichloroethane	8.13	62	187615	19.12	ug/l		99
43) Isopropyl Acetate	8.17	43	206837	19.07	ug/l	#	86
44) Trichloroethene	8.84	130	162367	18.93	ug/l		99
45) 1,2-Dichloropropane	9.12	63	163620	19.19	ug/l		99
46) Dibromomethane	9.21	93	94624	18.80	ug/l		97
47) Bromodichloromethane	9.40	83	203906	18.95	ug/l		98
48) Methyl methacrylate	9.20	41	98796	18.11	ug/l		99
49) 1,4-Dioxane	9.20	88	26318	366.14	ug/l		98
51) 4-Methyl-2-Pentanone	9.99	43	727005	99.13	ug/l		100
52) Toluene	10.16	92	377058	19.72	ug/l		100
53) t-1,3-Dichloropropene	10.38	75	196077	19.56	ug/l		98
54) cis-1,3-Dichloropropene	9.84	75	233104	20.27	ug/l		98
55) 1,1,2-Trichloroethane	10.56	97	137289	19.22	ug/l		99
56) Ethyl methacrylate	10.43	69	157801	18.56	ug/l		99
57) 1,3-Dichloropropane	10.71	76	226804	19.37	ug/l		99
58) 2-Chloroethyl Vinyl ether	9.70	63	360956	89.67	ug/l		99
59) 2-Hexanone	10.75	43	466470	98.55	ug/l		99
60) Dibromochloromethane	10.90	129	151076	19.16	ug/l		99
61) 1,2-Dibromoethane	11.01	107	130796	19.23	ug/l		99
64) Tetrachloroethene	10.63	164	147683	18.68	ug/l		98
65) Chlorobenzene	11.43	112	407429	19.23	ug/l		98
66) 1,1,1,2-Tetrachloroethane	11.51	131	155098	19.53	ug/l		99
67) Ethyl Benzene	11.51	91	674202	19.71	ug/l		100
68) m/p-Xylenes	11.62	106	529672	40.49	ug/l		100
69) o-Xylene	11.95	106	250901	20.11	ug/l		100
70) Styrene	11.96	104	398987	18.59	ug/l		100
71) Bromoform	12.13	173	100473	19.08	ug/l	#	100
73) Isopropylbenzene	12.25	105	667618	20.96	ug/l		100
74) N-amyl acetate	12.07	43	154591	18.65	ug/l		99
75) 1,1,2,2-Tetrachloroethane	12.50	83	164635	20.91	ug/l		99
76) 1,2,3-Trichloropropane	12.55	75	140481m	20.72	ug/l		
77) Bromobenzene	12.53	156	170455	19.71	ug/l		100
78) n-propylbenzene	12.59	91	748503	21.07	ug/l		99
79) 2-Chlorotoluene	12.67	91	456277	20.60	ug/l		100
80) 1,3,5-Trimethylbenzene	12.73	105	548877	21.52	ug/l		100
81) trans-1,4-Dichloro-2-buten	12.30	75	38173	20.81	ug/l		98
82) 4-Chlorotoluene	12.77	91	451953	20.65	ug/l		100
83) tert-Butylbenzene	12.99	119	462365	20.88	ug/l		98
84) 1,2,4-Trimethylbenzene	13.04	105	549332	21.46	ug/l		100
85) sec-Butylbenzene	13.17	105	615869	21.28	ug/l		100
86) p-Isopropyltoluene	13.29	119	527953	21.53	ug/l		100
87) 1,3-Dichlorobenzene	13.28	146	285458	19.39	ug/l		100
88) 1,4-Dichlorobenzene	13.36	146	281755	19.28	ug/l		99
89) n-Butylbenzene	13.62	91	396780	20.04	ug/l		98
90) Hexachloroethane	13.88	117	95810	19.43	ug/l		97
91) 1,2-Dichlorobenzene	13.65	146	278668	19.40	ug/l		99
92) 1,2-Dibromo-3-Chloropropan	14.27	75	21617	19.02	ug/l		96

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
93) 1,2,4-Trichlorobenzene	14.91	180	112158	17.07	ug/l	99
94) Hexachlorobutadiene	15.01	225	89755	20.38	ug/l	98
95) Naphthalene	15.13	128	204624	15.90	ug/l	99
96) 1,2,3-Trichlorobenzene	15.31	180	114136	17.87	ug/l	97

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

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