Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002157.D
Acq On : 26 Jul 2018 03:44
Operator : JU/SJ
Sample : J3762-08
Misc : LOQ 20 PPM
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_N
ClientSampleId : LOQ-WATER-02-QT3-2018

Quant Time: Jul 26 05:07:35 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA N\METHODS\8270-BN072518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jul 25 20:08:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	211775	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	791601	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	402677	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	777598	20.00	ng		0.00
75) Chrysene-d12	21.27	240	644342	20.00	ng		0.00
86) Perylene-d12	23.49	264	639176	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1666315	126.67	ng		0.00
7) Phenol-d6	6.88	99	2130341	115.40	ng		0.00
23) Nitrobenzene-d5	8.84	82	1371983	88.88	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	619875	118.55	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	2821972	91.28	ng		0.00
78) Terphenyl-d14	19.71	244	3434646	111.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	94215	19.078	ng	#	80
3) Pyridine	3.66	79	257538	18.004	ng	#	69
4) n-Nitrosodimethylamine	3.58	42	121466	19.795	ng	#	73
6) Aniline	7.03	93	376298	16.688	ng		98
8) 2-Chlorophenol	7.26	128	280974	18.418	ng		95
9) Benzaldehyde	6.85	77	242821	21.359	ng		92
10) Phenol	6.90	94	344236	18.192	ng		97
11) bis(2-Chloroethyl)ether	7.13	93	260710	16.928	ng		95
12) 1,3-Dichlorobenzene	7.58	146	315439	18.144	ng		98
13) 1,4-Dichlorobenzene	7.73	146	319249	17.949	ng		94
14) 1,2-Dichlorobenzene	8.04	146	304668	17.757	ng		95
15) Benzyl Alcohol	7.93	79	218881	15.713	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.22	45	437751	17.602	ng		92
17) 2-Methylphenol	8.13	107	223479	17.300	ng		95
18) Hexachloroethane	8.76	117	117838	18.103	ng		90
19) n-Nitroso-di-n-propylamine	8.49	70	208615	15.580	ng	#	96
20) 3+4-Methylphenols	8.46	107	299862	16.637	ng		96
22) Acetophenone	8.50	105	409026	19.929	ng		97
24) Nitrobenzene	8.88	77	321307	20.085	ng		95
25) Isophorone	9.40	82	537019	20.262	ng		95
26) 2-Nitrophenol	9.59	139	139628	18.068	ng		95
27) 2,4-Dimethylphenol	9.65	122	235459	21.909	ng		95
28) bis(2-Chloroethoxy)methane	9.89	93	334652	19.547	ng		98
29) 2,4-Dichlorophenol	10.12	162	243795	19.453	ng		94
30) 1,2,4-Trichlorobenzene	10.33	180	274499	19.340	ng		98
31) Naphthalene	10.52	128	831872	20.822	ng		97
32) Benzoic acid	9.76	122	117527	12.889	ng		89
33) 4-Chloroaniline	10.63	127	224634	12.637	ng		97
34) Hexachlorobutadiene	10.80	225	167296	19.248	ng		97
35) Caprolactam	11.38	113	64505	15.082	ng	#	66
36) 4-Chloro-3-methylphenol	11.76	107	247132	17.342	ng		95
37) 2-Methylnaphthalene	12.13	142	586167	20.803	ng		95
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	283721	20.955	ng	#	98
40) Hexachlorocyclopentadiene	12.48	237	184299	24.101	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	176676	19.448	ng		98
43) 2,4,5-Trichlorophenol	12.82	196	182810	18.997	ng		98
45) 1,1'-Biphenyl	13.15	154	709618	20.026	ng		98
46) 2-Chloronaphthalene	13.19	162	555458	20.309	ng		99
47) 2-Nitroaniline	13.40	65	155845	17.708	ng		94
48) Acenaphthylene	14.04	152	871386	20.995	ng		96
49) Dimethylphthalate	13.79	163	628999	18.805	ng		99
50) 2,6-Dinitrotoluene	13.90	165	135081	18.177	ng		90
51) Acenaphthene	14.39	154	502229	20.089	ng		99
52) 3-Nitroaniline	14.23	138	95558	11.868	ng	#	85
53) 2,4-Dinitrophenol	14.45	184	58219	14.796	ng		97
54) Dibenzofuran	14.72	168	786855	19.412	ng		96
55) 4-Nitrophenol	14.55	139	101180	16.368	ng		92
56) 2,4-Dinitrotoluene	14.70	165	177758	17.625	ng		86
57) Fluorene	15.37	166	614366	20.109	ng		98
58) 2,3,4,6-Tetrachlorophenol	14.95	232	151716	18.332	ng		94
59) Diethylphthalate	15.15	149	603897	17.738	ng		98
60) 4-Chlorophenyl-phenylether	15.37	204	308593	18.254	ng		94
61) 4-Nitroaniline	15.40	138	136195	16.593	ng		89
62) Azobenzene	15.66	77	617928	18.916	ng		98
64) 4,6-Dinitro-2-methylphenol	15.46	198	84455	16.087	ng		99
65) n-Nitrosodiphenylamine	15.59	169	519242	20.123	ng		96
66) 4-Bromophenyl-phenylether	16.26	248	180248	19.801	ng	#	90
67) Hexachlorobenzene	16.38	284	195230	19.390	ng		97
68) Atrazine	16.54	200	161026	18.536	ng		96
69) Pentachlorophenol	16.73	266	84510	13.039	ng		99
70) Phenanthrene	17.11	178	887833	20.918	ng		99
71) Anthracene	17.20	178	893913	21.278	ng		97
72) Carbazole	17.47	167	767639	18.210	ng		97
73) Di-n-butylphthalate	18.05	149	877240	17.840	ng		98
74) Fluoranthene	19.13	202	901605	19.565	ng		99
76) Benzidine	19.32	184	258843	12.317	ng		96
77) Pyrene	19.50	202	918795	20.677	ng		99
79) Butylbenzylphthalate	20.41	149	344342	17.802	ng		89
80) Benzo(a)anthracene	21.25	228	833072	21.213	ng		97
81) 3,3'-Dichlorobenzidine	21.19	252	196240	12.826	ng	#	97
82) Chrysene	21.30	228	770616	20.609	ng		97
83) Bis(2-ethylhexyl)phthalate	21.19	149	496506	18.407	ng		96
84) Di-n-octyl phthalate	22.07	149	813168	19.014	ng		98
85) Indeno(1,2,3-cd)pyrene	25.72	276	928701	25.475	ng	#	94
87) Benzo(b)fluoranthene	22.83	252	802670	21.278	ng		97
88) Benzo(k)fluoranthene	22.87	252	756481	20.362	ng	#	98
89) Benzo(a)pyrene	23.40	252	746984	21.203	ng		98
90) Dibenzo(a,h)anthracene	25.73	278	777598	23.509	ng	#	95
91) Benzo(g,h,i)perylene	26.40	276	782256	24.472	ng	#	96

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

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