Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA N\DATA\BN072518\
Data File : BN002162.D
Acq On : 26 Jul 2018 06:48
Operator : JU/SJ
Sample : J3762-09
Misc : MDL 2 PPM
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_N
ClientSampleId :
MDL-WATER-03-QT3-2018

Manual Integrations APPROVED
Sohil
7/27/2018 11:35:59 AM

Quant Time: Jul 26 09:01:35 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	218232	20.00	ng		0.00
21) Naphthalene-d8	10.46	136	908864	20.00	ng		0.00
38) Acenaphthene-d10	14.32	164	541504	20.00	ng		0.00
63) Phenanthrene-d10	17.07	188	1180950	20.00	ng		0.00
75) Chrysene-d12	21.27	240	983360	20.00	ng		0.00
86) Perylene-d12	23.49	264	893344	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.30	112	1671169	123.28	ng		0.00
7) Phenol-d6	6.88	99	2276302	119.66	ng		0.00
23) Nitrobenzene-d5	8.84	82	1566009	88.36	ng		0.00
41) 2,4,6-Tribromophenol	15.82	330	901050	128.14	ng		0.00
44) 2-Fluorobiphenyl	12.94	172	3586121	86.26	ng		0.00
78) Terphenyl-d14	19.71	244	5213206	110.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	9660	1.898	ng	#	70
3) Pyridine	3.69	79	24916	1.690	ng	#	67
4) n-Nitrosodimethylamine	3.59	42	12606m	1.994	ng		
6) Aniline	7.03	93	30161	1.298	ng		100
8) 2-Chlorophenol	7.26	128	29006	1.845	ng		95
9) Benzaldehyde	6.85	77	28661	2.446	ng		93
10) Phenol	6.90	94	36839	1.889	ng		76
11) bis(2-Chloroethyl)ether	7.13	93	27969	1.762	ng		94
12) 1,3-Dichlorobenzene	7.58	146	32150	1.795	ng		98
13) 1,4-Dichlorobenzene	7.72	146	33392	1.822	ng		93
14) 1,2-Dichlorobenzene	8.04	146	32477	1.837	ng		93
15) Benzyl Alcohol	7.93	79	16754	1.167	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.21	45	48274	1.884	ng		93
17) 2-Methylphenol	8.13	107	23925	1.797	ng	#	86
18) Hexachloroethane	8.76	117	12136	1.809	ng		93
19) n-Nitroso-di-n-propylamine	8.49	70	23242	1.684	ng	#	96
20) 3+4-Methylphenols	8.46	107	30853	1.661	ng		88
22) Acetophenone	8.51	105	45844	1.945	ng	#	95
24) Nitrobenzene	8.88	77	36370	1.980	ng		97
25) Isophorone	9.40	82	60365	1.984	ng		98
26) 2-Nitrophenol	9.59	139	13071	1.473	ng		97
27) 2,4-Dimethylphenol	9.65	122	24101	1.953	ng		94
28) bis(2-Chloroethoxy)methane	9.89	93	39556	2.012	ng		97
29) 2,4-Dichlorophenol	10.13	162	23392	1.626	ng		97
30) 1,2,4-Trichlorobenzene	10.33	180	30196	1.853	ng		96
31) Naphthalene	10.51	128	96140	2.096	ng		96
32) Benzoic acid	9.73	122	7724m	0.738	ng		
33) 4-Chloroaniline	10.63	127	26957	1.321	ng		95
34) Hexachlorobutadiene	10.80	225	18130	1.817	ng		95
35) Caprolactam	11.38	113	6117	1.246	ng	#	61
36) 4-Chloro-3-methylphenol	11.76	107	26679	1.631	ng		95
37) 2-Methylnaphthalene	12.13	142	69130	2.137	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.50	216	34745	1.908	ng		96
40) Hexachlorocyclopentadiene	12.48	237	15552	1.512	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	12.75	196	19035	1.558	ng		94
43) 2,4,5-Trichlorophenol	12.83	196	21068	1.628	ng	#	93
45) 1,1'-Biphenyl	13.15	154	95134	1.996	ng		95
46) 2-Chloronaphthalene	13.19	162	70231	1.909	ng		99
47) 2-Nitroaniline	13.40	65	17989	1.520	ng		96
48) Acenaphthylene	14.04	152	110149	1.974	ng		97
49) Dimethylphthalate	13.78	163	86798	1.930	ng		99
50) 2,6-Dinitrotoluene	13.90	165	16603	1.661	ng		90
51) Acenaphthene	14.39	154	67905	2.020	ng		97
52) 3-Nitroaniline	14.24	138	14462	1.336	ng	#	84
53) 2,4-Dinitrophenol	14.45	184	3472	0.656	ng	#	80
54) Dibenzofuran	14.72	168	106903	1.961	ng		97
55) 4-Nitrophenol	14.56	139	8713	1.048	ng	#	72
56) 2,4-Dinitrotoluene	14.70	165	20137	1.485	ng		97
57) Fluorene	15.37	166	84048	2.046	ng		93
58) 2,3,4,6-Tetrachlorophenol	14.96	232	17748	1.595	ng	#	92
59) Diethylphthalate	15.15	149	81090	1.771	ng		95
60) 4-Chlorophenyl-phenylether	15.37	204	42686	1.878	ng		95
61) 4-Nitroaniline	15.40	138	15148	1.372	ng		91
62) Azobenzene	15.66	77	80637	1.836	ng		95
64) 4,6-Dinitro-2-methylphenol	15.46	198	7835	0.983	ng		90
65) n-Nitrosodiphenylamine	15.59	169	69827	1.782	ng		95
66) 4-Bromophenyl-phenylether	16.27	248	23994	1.736	ng		93
67) Hexachlorobenzene	16.38	284	28717	1.878	ng		100
68) Atrazine	16.54	200	20597	1.561	ng		98
69) Pentachlorophenol	16.73	266	8700	0.884	ng		91
70) Phenanthrene	17.11	178	135147	2.097	ng		99
71) Anthracene	17.20	178	126120	1.977	ng		96
72) Carbazole	17.47	167	107283	1.676	ng		96
73) Di-n-butylphthalate	18.05	149	107911	1.445	ng		99
74) Fluoranthene	19.13	202	130932	1.871	ng		98
76) Benzidine	19.33	184	23782	0.742	ng		97
77) Pyrene	19.50	202	132833	1.959	ng		99
79) Butylbenzylphthalate	20.41	149	39741	1.346	ng		98
80) Benzo(a)anthracene	21.25	228	121678	2.030	ng		97
81) 3,3'-Dichlorobenzidine	21.19	252	25412	1.088	ng		95
82) Chrysene	21.30	228	119629	2.096	ng		97
83) Bis(2-ethylhexyl)phthalate	21.19	149	55083	1.338	ng		98
84) Di-n-octyl phthalate	22.07	149	87944	1.347	ng		99
85) Indeno(1,2,3-cd)pyrene	25.72	276	107756	1.937	ng	#	94
87) Benzo(b)fluoranthene	22.83	252	104696	1.986	ng		99
88) Benzo(k)fluoranthene	22.87	252	105430m	2.030	ng		
89) Benzo(a)pyrene	23.40	252	99628	2.023	ng		99
90) Dibenzo(a,h)anthracene	25.73	278	91453	1.978	ng	#	97
91) Benzo(g,h,i)perylene	26.40	276	91768	2.054	ng		98

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

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