Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF022318\
Data File : BF103198.D
Acq On : 23 Feb 2018 14:38
Operator : SJ/JU
Sample : J1161-08
Misc : LOQ-S-20ppm
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : LOQ-WATER-02-QT1-2018

Quant Time: Feb 23 16:47:46 2018
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF022218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 23 02:43:46 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	172443	20.00	ng		0.00
21) Naphthalene-d8	8.15	136	757432	20.00	ng		0.00
38) Acenaphthene-d10	9.91	164	355848	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	587628	20.00	ng		0.00
75) Chrysene-d12	14.08	240	427547	20.00	ng		0.03
86) Perylene-d12	15.63	264	410436	20.00	ng		0.09
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	1397693	122.59	ng		0.00
7) Phenol-d6	6.51	99	1699402	121.81	ng		0.00
23) Nitrobenzene-d5	7.44	82	1354167	102.10	ng		0.00
41) 2,4,6-Tribromophenol	10.70	330	365597	121.38	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	1898747	94.32	ng		0.00
78) Terphenyl-d14	12.99	244	1543409	86.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.64	88	113904	18.915	ng		92
3) Pyridine	3.47	79	308911	19.215	ng		97
4) n-Nitrosodimethylamine	3.36	42	128277	19.784	ng		98
6) Aniline	6.54	93	415436	20.632	ng		96
8) 2-Chlorophenol	6.66	128	231089	19.510	ng		94
9) Benzaldehyde	6.43	77	145319	14.171	ng		99
10) Phenol	6.52	94	321079	19.824	ng		95
11) bis(2-Chloroethyl)ether	6.61	93	254494	20.703	ng		96
12) 1,3-Dichlorobenzene	6.81	146	272381	20.123	ng		98
13) 1,4-Dichlorobenzene	6.89	146	276839	20.400	ng		99
14) 1,2-Dichlorobenzene	7.04	146	250323	20.005	ng		99
15) Benzyl Alcohol	7.01	79	226753	21.568	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.14	45	436805	20.693	ng		99
17) 2-Methylphenol	7.12	107	219413	20.384	ng		97
18) Hexachloroethane	7.38	117	100966	20.438	ng		94
19) n-Nitroso-di-n-propylamine	7.28	70	191856	22.095	ng		97
20) 3+4-Methylphenols	7.27	107	268009	20.426	ng	#	66
22) Acetophenone	7.28	105	363608	20.566	ng	#	91
24) Nitrobenzene	7.46	77	287553	19.692	ng		99
25) Isophorone	7.69	82	516911	19.789	ng		96
26) 2-Nitrophenol	7.77	139	139729	20.326	ng		94
27) 2,4-Dimethylphenol	7.80	122	197796	18.824	ng		97
28) bis(2-Chloroethoxy)methane	7.90	93	312385	20.340	ng		99
29) 2,4-Dichlorophenol	8.01	162	197015	19.584	ng		97
30) 1,2,4-Trichlorobenzene	8.09	180	215015	20.070	ng		99
31) Naphthalene	8.17	128	752892	20.303	ng		99
32) Benzoic acid	7.92	122	148684	23.239	ng		97
33) 4-Chloroaniline	8.22	127	320106	20.004	ng		96
34) Hexachlorobutadiene	8.29	225	111190	19.931	ng		98
35) Caprolactam	8.59	113	69785	19.737	ng	#	84
36) 4-Chloro-3-methylphenol	8.70	107	224217	19.760	ng		96
37) 2-Methylnaphthalene	8.87	142	494023	20.614	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	193189	19.859	ng		98
40) Hexachlorocyclopentadiene	9.02	237	38662	18.905	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	125677	19.199	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	138466	18.392	ng		97
45) 1,1'-Biphenyl	9.33	154	600033	20.123	ng		98
46) 2-Chloronaphthalene	9.36	162	466660	19.782	ng		99
47) 2-Nitroaniline	9.45	65	171364	19.611	ng		85
48) Acenaphthylene	9.77	152	734957	20.249	ng		99
49) Dimethylphthalate	9.63	163	549359	19.244	ng		100
50) 2,6-Dinitrotoluene	9.69	165	116612	19.466	ng	#	89
51) Acenaphthene	9.95	154	417961	19.748	ng		99
52) 3-Nitroaniline	9.86	138	142470	18.745	ng		94
53) 2,4-Dinitrophenol	9.98	184	31202	22.306	ng	#	20
54) Dibenzofuran	10.12	168	604117	20.793	ng		99
55) 4-Nitrophenol	10.03	139	81993	17.406	ng		93
56) 2,4-Dinitrotoluene	10.10	165	152979	20.191	ng		91
57) Fluorene	10.46	166	475483	19.212	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.23	232	97601	19.298	ng		95
59) Diethylphthalate	10.32	149	540854	19.810	ng		99
60) 4-Chlorophenyl-phenylether	10.45	204	209656	19.976	ng		97
61) 4-Nitroaniline	10.48	138	142819	18.813	ng		92
62) Azobenzene	10.61	77	562170	20.229	ng		98
64) 4,6-Dinitro-2-methylphenol	10.51	198	64368	21.093	ng		87
65) n-Nitrosodiphenylamine	10.57	169	419219	20.489	ng		99
66) 4-Bromophenyl-phenylether	10.94	248	123313	20.145	ng		95
67) Hexachlorobenzene	11.01	284	134876	20.300	ng		92
68) Atrazine	11.09	200	117135	19.047	ng		99
69) Pentachlorophenol	11.20	266	61019	18.994	ng		97
70) Phenanthrene	11.42	178	653893	20.220	ng		98
71) Anthracene	11.47	178	671017	20.235	ng		99
72) Carbazole	11.63	167	658679	19.946	ng		100
73) Di-n-butylphthalate	11.95	149	840033	20.329	ng		100
74) Fluoranthene	12.62	202	641644	19.745	ng		99
76) Benzidine	12.73	184	206425	12.915	ng	#	94
77) Pyrene	12.84	202	671598	20.147	ng		99
79) Butylbenzylphthalate	13.46	149	345046	19.592	ng		100
80) Benzo(a)anthracene	14.07	228	541943	19.536	ng		100
81) 3,3'-Dichlorobenzidine	14.03	252	180522	18.234	ng		97
82) Chrysene	14.11	228	536312	19.911	ng		98
83) Bis(2-ethylhexyl)phthalate	14.04	149	490870	20.654	ng		100
84) Di-n-octyl phthalate	14.71	149	756762	19.708	ng		98
85) Indeno(1,2,3-cd)pyrene	17.14	276	449494	21.079	ng		97
87) Benzo(b)fluoranthene	15.19	252	496651	18.404	ng		99
88) Benzo(k)fluoranthene	15.22	252	505253	19.883	ng		99
89) Benzo(a)pyrene	15.56	252	468385	19.436	ng	#	97
90) Dibenzo(a,h)anthracene	17.16	278	374262	20.099	ng		99
91) Benzo(g,h,i)perylene	17.60	276	373519	20.524	ng		99

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

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