Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF040318\
Data File : BF104191.D
Acq On : 3 Apr 2018 20:38
Operator : JU/SJ
Sample : J2182-22MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
ES-8-WATER-LATERAL-1-NW@3.5

Manual Integrations APPROVED
Sohil
4/4/2018 4:09:48 PM

Quant Time: Apr 04 01:32:13 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF032818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 03 15:22:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	114308	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	485496	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	242619	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	462855	20.00	ng		0.00
75) Chrysene-d12	14.16	240	339187	20.00	ng		0.00
86) Perylene-d12	15.69	264	275916	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	802964	112.02	ng		0.01
7) Phenol-d6	6.60	99	985774	111.78	ng		0.00
23) Nitrobenzene-d5	7.53	82	613097	77.23	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	305010	112.90	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	1134670	73.75	ng		0.00
78) Terphenyl-d14	13.08	244	1238593	84.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.84	88	92007	29.762	ng	#	83
3) Pyridine	3.65	79	207912	26.566	ng		88
4) n-Nitrosodimethylamine	3.61	42	57860	24.873	ng		80
6) Aniline	6.63	93	216679	20.525	ng	#	80
8) 2-Chlorophenol	6.75	128	309674	39.385	ng		95
9) Benzaldehyde	6.52	77	69375	12.113	ng		92
10) Phenol	6.62	94	409554	41.916	ng		97
11) bis(2-Chloroethyl)ether	6.70	93	238142	28.284	ng		90
12) 1,3-Dichlorobenzene	6.90	146	299726	33.912	ng		96
13) 1,4-Dichlorobenzene	6.97	146	341835	36.095	ng		99
14) 1,2-Dichlorobenzene	7.13	146	300338	35.283	ng		99
15) Benzyl Alcohol	7.10	79	216292	37.723	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.23	45	329388	35.909	ng		62
17) 2-Methylphenol	7.22	107	239583	37.438	ng	#	86
18) Hexachloroethane	7.46	117	111559	35.183	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	197213	37.683	ng		89
20) 3+4-Methylphenols	7.37	107	321353	39.347	ng	#	61
22) Acetophenone	7.37	105	424862	36.169	ng	#	98
24) Nitrobenzene	7.55	77	283379	33.926	ng		98
25) Isophorone	7.77	82	560468	38.309	ng		99
26) 2-Nitrophenol	7.86	139	170435	39.090	ng	#	89
27) 2,4-Dimethylphenol	7.89	122	262386	41.727	ng		100
28) bis(2-Chloroethoxy)methane	7.98	93	364807	39.785	ng		99
29) 2,4-Dichlorophenol	8.10	162	261500	39.814	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	265890	35.679	ng		98
31) Naphthalene	8.26	128	915441	38.597	ng		99
32) Benzoic acid	8.00	122	36856	8.001	ng	#	75
33) 4-Chloroaniline	8.33	127	109430	10.944	ng		93
34) Hexachlorobutadiene	8.37	225	139306	34.352	ng		99
35) Caprolactam	8.69	113	80724m	38.761	ng		
36) 4-Chloro-3-methylphenol	8.80	107	286307	41.212	ng		97
37) 2-Methylnaphthalene	8.96	142	574597	36.778	ng		100
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	262939	35.341	ng		99
40) Hexachlorocyclopentadiene	9.10	237	134891	41.311	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	168792	35.828	ng		98
43) 2,4,5-Trichlorophenol	9.29	196	196430	34.532	ng		94
45) 1,1'-Biphenyl	9.42	154	723326	34.736	ng		99
46) 2-Chloronaphthalene	9.45	162	570957	34.760	ng		97
47) 2-Nitroaniline	9.55	65	167163	35.690	ng		94
48) Acenaphthylene	9.86	152	841560	33.819	ng		100
49) Dimethylphthalate	9.72	163	820290	42.823	ng		99
50) 2,6-Dinitrotoluene	9.79	165	149720	36.330	ng		86
51) Acenaphthene	10.03	154	480716	33.394	ng		99
52) 3-Nitroaniline	9.97	138	95398	20.137	ng		95
53) 2,4-Dinitrophenol	10.08	184	57595	35.355	ng	#	33
54) Dibenzofuran	10.21	168	744870	35.434	ng		97
55) 4-Nitrophenol	10.15	139	176502	62.136	ng		96
56) 2,4-Dinitrotoluene	10.20	165	196706	37.406	ng	#	98
57) Fluorene	10.56	166	613077	35.355	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.33	232	165108	38.742	ng	#	87
59) Diethylphthalate	10.42	149	651488	35.502	ng		97
60) 4-Chlorophenyl-phenylether	10.54	204	286382	35.958	ng		97
61) 4-Nitroaniline	10.60	138	152728	34.454	ng		92
62) Azobenzene	10.70	77	581426	35.040	ng		90
64) 4,6-Dinitro-2-methylphenol	10.62	198	74545	26.606	ng	#	76
65) n-Nitrosodiphenylamine	10.66	169	555214	35.420	ng		99
66) 4-Bromophenyl-phenylether	11.03	248	171589	34.651	ng	#	89
67) Hexachlorobenzene	11.10	284	192014	33.709	ng	#	89
68) Atrazine	11.19	200	181982	37.895	ng		97
69) Pentachlorophenol	11.30	266	171464	54.702	ng		98
70) Phenanthrene	11.52	178	858040	34.240	ng		99
71) Anthracene	11.57	178	989019	37.784	ng		98
72) Carbazole	11.73	167	912212	36.514	ng		99
73) Di-n-butylphthalate	12.04	149	1030441	34.627	ng		99
74) Fluoranthene	12.72	202	936739	35.167	ng		99
76) Benzidine	12.84	184	322949	33.411	ng		97
77) Pyrene	12.95	202	918566	37.673	ng		99
79) Butylbenzylphthalate	13.54	149	430555	37.481	ng		98
80) Benzo(a)anthracene	14.14	228	725502	34.184	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	180480	25.691	ng		95
82) Chrysene	14.18	228	775485	37.305	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	572133	38.547	ng		100
84) Di-n-octyl phthalate	14.72	149	952258	37.297	ng	#	93
85) Indeno(1,2,3-cd)pyrene	17.29	276	599457	27.829	ng		96
87) Benzo(b)fluoranthene	15.23	252	556336	33.131	ng		98
88) Benzo(k)fluoranthene	15.26	252	681367	43.075	ng		99
89) Benzo(a)pyrene	15.63	252	571854	36.749	ng		100
90) Dibenzo(a,h)anthracene	17.30	278	497198	34.558	ng		96
91) Benzo(g,h,i)perylene	17.77	276	493116	34.219	ng		95

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

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