Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF041318\
Data File : BF104483.D
Acq On : 13 Apr 2018 17:21
Operator : JU/SJ
Sample : J2360-01MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : NAA-WS-001MS

Quant Time: Apr 13 22:52:58 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Apr 13 17:38:31 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	137445	20.00	ng		0.00
21) Naphthalene-d8	8.10	136	561372	20.00	ng		0.00
38) Acenaphthene-d10	9.85	164	245804	20.00	ng		0.00
63) Phenanthrene-d10	11.34	188	397655	20.00	ng		0.00
75) Chrysene-d12	13.99	240	247774	20.00	ng		0.00
86) Perylene-d12	15.45	264	226762	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	995625	110.76	ng		0.01
7) Phenol-d6	6.45	99	1232775	111.62	ng		0.00
23) Nitrobenzene-d5	7.38	82	777428	90.43	ng		0.00
41) 2,4,6-Tribromophenol	10.65	330	275029	107.86	ng		0.00
44) 2-Fluorobiphenyl	9.17	172	1258885	80.91	ng		0.00
78) Terphenyl-d14	12.93	244	977361	89.93	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.59	88	121739	29.066	ng		89
3) Pyridine	3.33	79	343677	29.184	ng		88
4) n-Nitrosodimethylamine	3.29	42	133097	32.333	ng		85
6) Aniline	6.47	93	385910	25.150	ng		99
8) 2-Chlorophenol	6.60	128	349330	36.820	ng		97
9) Benzaldehyde	6.36	77	150848	23.486	ng		99
10) Phenol	6.46	94	463983	39.594	ng		90
11) bis(2-Chloroethyl)ether	6.55	93	335513	35.878	ng		96
12) 1,3-Dichlorobenzene	6.75	146	374633	34.855	ng		99
13) 1,4-Dichlorobenzene	6.83	146	378950	35.369	ng		99
14) 1,2-Dichlorobenzene	6.99	146	352356	35.488	ng		99
15) Benzyl Alcohol	6.96	79	296263	35.318	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	438201	34.893	ng		92
17) 2-Methylphenol	7.07	107	287825	34.900	ng		96
18) Hexachloroethane	7.32	117	133312	34.898	ng		98
19) n-Nitroso-di-n-propylamine	7.23	70	237305	32.881	ng		96
20) 3+4-Methylphenols	7.22	107	338173	33.063	ng	#	72
22) Acetophenone	7.23	105	466540	33.757	ng	#	97
24) Nitrobenzene	7.40	77	362592	38.201	ng		100
25) Isophorone	7.63	82	586555	32.264	ng		98
26) 2-Nitrophenol	7.71	139	188370	48.749	ng		97
27) 2,4-Dimethylphenol	7.75	122	270881	33.762	ng		99
28) bis(2-Chloroethoxy)methane	7.85	93	403027	36.259	ng		98
29) 2,4-Dichlorophenol	7.95	162	278921	36.435	ng		97
30) 1,2,4-Trichlorobenzene	8.04	180	301244	35.856	ng		98
31) Naphthalene	8.12	128	928916	33.231	ng		100
32) Benzoic acid	7.83	122	61564	9.617	ng		98
33) 4-Chloroaniline	8.16	127	230525	19.249	ng		98
34) Hexachlorobutadiene	8.23	225	171465	37.260	ng		99
35) Caprolactam	8.54	113	86392	32.349	ng	#	78
36) 4-Chloro-3-methylphenol	8.65	107	303198	36.937	ng		99
37) 2-Methylnaphthalene	8.81	142	587232	32.477	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.97	216	267900	38.074	ng		99
40) Hexachlorocyclopentadiene	8.96	237	128508	32.623	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.09	196	190717	39.045	ng		99
43) 2,4,5-Trichlorophenol	9.13	196	195821	35.826	ng		98
45) 1,1'-Biphenyl	9.27	154	744387	36.049	ng		99
46) 2-Chloronaphthalene	9.30	162	597073	36.607	ng		99
47) 2-Nitroaniline	9.40	65	183240	45.429	ng		97
48) Acenaphthylene	9.72	152	848266	33.148	ng		100
49) Dimethylphthalate	9.57	163	829362	42.787	ng		99
50) 2,6-Dinitrotoluene	9.64	165	151959	42.367	ng		98
51) Acenaphthene	9.89	154	516676	33.091	ng		99
52) 3-Nitroaniline	9.81	138	127813	30.439	ng		97
53) 2,4-Dinitrophenol	9.92	184	33520	33.059	ng	#	18
54) Dibenzofuran	10.06	168	764528	35.136	ng		97
55) 4-Nitrophenol	9.97	139	225903	68.488	ng		97
56) 2,4-Dinitrotoluene	10.05	165	188853	40.141	ng		93
57) Fluorene	10.40	166	538929	34.028	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.17	232	141328	34.658	ng		95
59) Diethylphthalate	10.27	149	660247	34.201	ng		99
60) 4-Chlorophenyl-phenylether	10.39	204	283237	40.156	ng		99
61) 4-Nitroaniline	10.42	138	144112	35.101	ng		99
62) Azobenzene	10.56	77	615874	33.393	ng		93
64) 4,6-Dinitro-2-methylphenol	10.45	198	40071	24.871	ng		87
65) n-Nitrosodiphenylamine	10.52	169	536977	38.946	ng		98
66) 4-Bromophenyl-phenylether	10.89	248	170474	40.303	ng		91
67) Hexachlorobenzene	10.95	284	179027	37.616	ng	#	91
68) Atrazine	11.05	200	165778	39.834	ng		98
69) Pentachlorophenol	11.15	266	167762	56.977	ng		97
70) Phenanthrene	11.37	178	720466	32.534	ng		99
71) Anthracene	11.42	178	730676	32.459	ng		99
72) Carbazole	11.57	167	712477	32.390	ng		100
73) Di-n-butylphthalate	11.90	149	933802	34.752	ng		99
74) Fluoranthene	12.56	202	649428	28.068	ng		97
76) Benzidine	12.68	184	421292	55.744	ng		98
77) Pyrene	12.79	202	652380	35.521	ng		100
79) Butylbenzylphthalate	13.40	149	328912	38.014	ng		97
80) Benzo(a)anthracene	13.97	228	529811	35.793	ng		98
81) 3,3'-Dichlorobenzidine	13.94	252	205222	37.184	ng		97
82) Chrysene	14.02	228	515438	33.901	ng		98
83) Bis(2-ethylhexyl)phthalate	13.96	149	441262	39.649	ng		100
84) Di-n-octyl phthalate	14.58	149	700922	37.692	ng	#	95
85) Indeno(1,2,3-cd)pyrene	16.91	276	427850	33.126	ng		96
87) Benzo(b)fluoranthene	15.03	252	469706	32.796	ng		99
88) Benzo(k)fluoranthene	15.06	252	482169	35.660	ng		99
89) Benzo(a)pyrene	15.39	252	435229	33.964	ng		99
90) Dibenzo(a,h)anthracene	16.93	278	362263	34.421	ng		97
91) Benzo(g,h,i)perylene	17.35	276	336004	32.953	ng		96

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

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