Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042419\
Data File : BF113966.D
Acq On : 24 Apr 2019 17:22
Operator : JU/SJ
Sample : K2487-04MSD
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : GMW-7MSD

Quant Time: Apr 25 01:24:57 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF042219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	147875	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	571578	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	295273	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	576417	20.00	ng		0.00
76) Chrysene-d12	14.06	240	363323	20.00	ng		-0.01
87) Perylene-d12	15.53	264	416796	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	596372	68.98	ng		0.00
7) Phenol-d6	6.52	99	517259	47.69	ng		0.00
23) Nitrobenzene-d5	7.46	82	929689	100.43	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	465386	129.38	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1775048	94.02	ng		0.00
79) Terphenyl-d14	13.00	244	1869546	105.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.72	88	86873	21.316	ng		99
3) Pyridine	3.48	79	196343	17.650	ng		96
4) n-Nitrosodimethylamine	3.42	42	80219	21.065	ng		92
6) Aniline	6.56	93	352970	23.697	ng		99
8) 2-Chlorophenol	6.69	128	365118	36.989	ng		96
9) Benzaldehyde	6.44	77	134591	17.654	ng		95
10) Phenol	6.53	94	212455	16.379	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	437412	44.814	ng		98
12) 1,3-Dichlorobenzene	6.84	146	392514	35.110	ng		99
13) 1,4-Dichlorobenzene	6.92	146	401116	35.672	ng		99
14) 1,2-Dichlorobenzene	7.07	146	383343	37.095	ng		100
15) Benzyl Alcohol	7.03	79	248032	33.951	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	505294	44.347	ng		92
17) 2-Methylphenol	7.15	107	298197	34.463	ng		98
18) Hexachloroethane	7.41	117	128435	32.583	ng		94
19) n-Nitroso-di-n-propylamine	7.31	70	330716	47.080	ng		99
20) 3+4-Methylphenols	7.30	107	297890	30.472	ng	#	58
22) Acetophenone	7.30	105	629863	49.519	ng	#	97
24) Nitrobenzene	7.47	77	494926	48.385	ng		98
25) Isophorone	7.72	82	896967	47.354	ng		100
26) 2-Nitrophenol	7.79	139	231674	49.647	ng		96
27) 2,4-Dimethylphenol	7.83	122	341489	44.916	ng		98
28) bis(2-Chloroethoxy)methane	7.92	93	568503	47.100	ng		100
29) 2,4-Dichlorophenol	8.03	162	380395	43.753	ng		100
30) 1,2,4-Trichlorobenzene	8.12	180	378725	39.068	ng		98
31) Naphthalene	8.20	128	1188194	43.759	ng		99
32) Benzoic acid	7.91	122	57164	11.134	ng		93
33) 4-Chloroaniline	8.24	127	291405	25.363	ng		99
34) Hexachlorobutadiene	8.32	225	208277	34.465	ng		98
35) Caprolactam	8.61	113	25489	9.216	ng		91
36) 4-Chloro-3-methylphenol	8.72	107	357122	41.461	ng		99
37) 2-Methylnaphthalene	8.89	142	821074	44.842	ng		98
38) 1-Methylnaphthalene	8.99	142	774286	43.813	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	416146	43.387	ng		100

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 23 03:32:35 2019
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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	328193	61.361 ng		99
43) 2,4,6-Trichlorophenol	9.17	196	290414	47.683 ng		99
44) 2,4,5-Trichlorophenol	9.21	196	328859	48.139 ng		98
46) 1,1'-Biphenyl	9.36	154	1062146	47.088 ng		98
47) 2-Chloronaphthalene	9.38	162	849061	46.287 ng		98
48) 2-Nitroaniline	9.47	65	257293	53.506 ng		96
49) Acenaphthylene	9.80	152	1297259	45.174 ng		100
50) Dimethylphthalate	9.66	163	1125819	52.720 ng		99
51) 2,6-Dinitrotoluene	9.72	165	249045	54.360 ng		98
52) Acenaphthene	9.97	154	852216	50.215 ng		96
53) 3-Nitroaniline	9.88	138	152254	31.626 ng		97
54) 2,4-Dinitrophenol	9.99	184	175610	87.702 ng	#	5
55) Dibenzofuran	10.14	168	1223376	48.123 ng		98
56) 4-Nitrophenol	10.04	139	152620	40.039 ng		97
57) 2,4-Dinitrotoluene	10.12	165	334035	57.765 ng		97
58) Fluorene	10.49	166	918530	47.991 ng		99
59) 2,3,4,6-Tetrachlorophenol	10.26	232	285987	47.638 ng		98
60) Diethylphthalate	10.35	149	1024896	50.540 ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	483999	47.750 ng		99
62) 4-Nitroaniline	10.50	138	222297	47.317 ng		94
63) Azobenzene	10.63	77	920829	46.852 ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	124938	47.398 ng		98
66) n-Nitrosodiphenylamine	10.59	169	848957	49.085 ng		99
67) 4-Bromophenyl-phenylether	10.96	248	320794	46.069 ng		96
68) Hexachlorobenzene	11.03	284	347894	45.464 ng		98
69) Atrazine	11.12	200	285872	50.810 ng		98
70) Pentachlorophenol	11.23	266	363335	83.863 ng		98
71) Phenanthrene	11.45	178	1372744	47.388 ng		99
72) Anthracene	11.50	178	1403353	47.973 ng		100
73) Carbazole	11.65	167	1242204	47.597 ng		99
74) Di-n-butylphthalate	11.97	149	1516363	49.393 ng		99
75) Fluoranthene	12.63	202	1356566	42.923 ng		97
77) Benzidine	12.74	184	150535	13.906 ng		98
78) Pyrene	12.86	202	1323440	52.088 ng		99
80) Butylbenzylphthalate	13.47	149	563468	56.366 ng		97
81) Benzo(a)anthracene	14.04	228	1081174	50.507 ng		100
82) 3,3'-Dichlorobenzidine	14.00	252	299013	38.110 ng	#	98
83) Chrysene	14.08	228	1093396	52.447 ng		99
84) Bis(2-ethylhexyl)phthalate	14.03	149	740288	58.204 ng		99
85) Di-n-octyl phthalate	14.64	149	1152075	57.870 ng		98
86) Indeno(1,2,3-cd)pyrene	17.03	276	1461807	74.025 ng		98
88) Benzo(b)fluoranthene	15.10	252	1202500	45.600 ng		99
89) Benzo(k)fluoranthene	15.13	252	1117483	49.265 ng		99
90) Benzo(a)pyrene	15.47	252	1147226	50.297 ng		99
91) Dibenzo(a,h)anthracene	17.05	278	1219190	56.941 ng		100
92) Benzo(g,h,i)perylene	17.49	276	1232061	57.020 ng		98

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

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