Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113984.D
Acq On : 25 Apr 2019 18:17
Operator : JU/SJ
Sample : K2555-03MS
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-7MS

Quant Time: Apr 25 23:17:24 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	103470	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	397831	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	216556	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	458435	20.00	ng		0.00
76) Chrysene-d12	14.06	240	415206	20.00	ng		0.00
87) Perylene-d12	15.56	264	459397	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	307355	50.81	ng		0.00
7) Phenol-d6	6.52	99	260522	34.32	ng		0.00
23) Nitrobenzene-d5	7.46	82	637355	98.92	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	314690	119.29	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1304207	94.19	ng		0.00
79) Terphenyl-d14	13.00	244	1838556	90.78	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	48963	17.170	ng		95
3) Pyridine	3.45	79	73940	9.499	ng		96
4) n-Nitrosodimethylamine	3.36	42	45962	17.249	ng		91
6) Aniline	6.55	93	180406	17.309	ng		99
8) 2-Chlorophenol	6.68	128	201454	29.167	ng		98
9) Benzaldehyde	6.44	77	79221	13.939	ng		95
10) Phenol	6.53	94	105216	11.593	ng		99
11) bis(2-Chloroethyl)ether	6.62	93	295323	43.241	ng		98
12) 1,3-Dichlorobenzene	6.84	146	307380	39.295	ng		98
13) 1,4-Dichlorobenzene	6.92	146	313142	39.800	ng		99
14) 1,2-Dichlorobenzene	7.07	146	300576	41.569	ng		99
15) Benzyl Alcohol	7.03	79	155761	30.471	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.17	45	342932	43.014	ng		94
17) 2-Methylphenol	7.15	107	156314	25.819	ng		98
18) Hexachloroethane	7.41	117	103155	37.401	ng		96
19) n-Nitroso-di-n-propylamine	7.30	70	224202	45.614	ng		98
20) 3+4-Methylphenols	7.30	107	167355	24.466	ng	#	1
22) Acetophenone	7.30	105	442556	49.989	ng	#	96
24) Nitrobenzene	7.47	77	343970	48.314	ng		98
25) Isophorone	7.72	82	614645	46.621	ng		98
26) 2-Nitrophenol	7.79	139	127273	39.186	ng		100
27) 2,4-Dimethylphenol	7.83	122	202718	38.308	ng		100
28) bis(2-Chloroethoxy)methane	7.92	93	389284	46.338	ng		100
29) 2,4-Dichlorophenol	8.03	162	214203	35.398	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	295560	43.804	ng		98
31) Naphthalene	8.20	128	878572	46.487	ng		99
32) Benzoic acid	7.90	122	47676	13.341	ng		100
33) 4-Chloroaniline	8.24	127	148768	18.603	ng		98
34) Hexachlorobutadiene	8.32	225	165630	39.378	ng		98
35) Caprolactam	8.60	113	15313	7.955	ng		96
36) 4-Chloro-3-methylphenol	8.72	107	204748	34.152	ng		99
37) 2-Methylnaphthalene	8.89	142	618269	48.513	ng		98
38) 1-Methylnaphthalene	8.99	142	587260	47.742	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	321979	45.772	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	343931	87.677 ng		99
43) 2,4,6-Trichlorophenol	9.17	196	170060	38.072 ng		99
44) 2,4,5-Trichlorophenol	9.21	196	191548	38.231 ng		98
46) 1,1'-Biphenyl	9.36	154	792395	47.898 ng		98
47) 2-Chloronaphthalene	9.38	162	643305	47.818 ng		98
48) 2-Nitroaniline	9.47	65	185827	52.691 ng		93
49) Acenaphthylene	9.80	152	1003506	47.647 ng		99
50) Dimethylphthalate	9.65	163	796134	50.833 ng		100
51) 2,6-Dinitrotoluene	9.71	165	181876	54.129 ng		91
52) Acenaphthene	9.97	154	654620	52.593 ng		97
53) 3-Nitroaniline	9.87	138	100207	28.381 ng		100
54) 2,4-Dinitrophenol	9.99	184	131594	89.428 ng	#	4
55) Dibenzofuran	10.14	168	928496	49.800 ng		98
56) 4-Nitrophenol	10.04	139	89257	31.928 ng		99
57) 2,4-Dinitrotoluene	10.12	165	246848	58.204 ng		99
58) Fluorene	10.48	166	709660	50.556 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	174232	39.572 ng		98
60) Diethylphthalate	10.35	149	765557	51.474 ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	376892	50.699 ng		97
62) 4-Nitroaniline	10.49	138	173597	50.383 ng		96
63) Azobenzene	10.63	77	709121	49.195 ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	86263	42.111 ng		94
66) n-Nitrosodiphenylamine	10.59	169	651778	47.383 ng		99
67) 4-Bromophenyl-phenylether	10.96	248	247812	44.747 ng		95
68) Hexachlorobenzene	11.03	284	284589	46.763 ng		99
69) Atrazine	11.12	200	228689	51.107 ng		99
70) Pentachlorophenol	11.23	266	263355	76.430 ng		96
71) Phenanthrene	11.45	178	1133771	49.211 ng		99
72) Anthracene	11.50	178	1176067	50.550 ng		99
73) Carbazole	11.65	167	1084777	52.263 ng		99
74) Di-n-butylphthalate	11.97	149	1268138	51.938 ng		100
75) Fluoranthene	12.63	202	1290613	51.345 ng		99
77) Benzidine	12.75	184	170301	13.766 ng		97
78) Pyrene	12.86	202	1319414	45.441 ng		99
80) Butylbenzylphthalate	13.47	149	582333	50.974 ng		96
81) Benzo(a)anthracene	14.05	228	1263530	51.650 ng		99
82) 3,3'-Dichlorobenzidine	14.01	252	382296	42.636 ng	#	99
83) Chrysene	14.09	228	1260020	52.887 ng		98
84) Bis(2-ethylhexyl)phthalate	14.04	149	808257	55.607 ng		100
85) Di-n-octyl phthalate	14.67	149	1413742	62.140 ng		98
86) Indeno(1,2,3-cd)pyrene	17.06	276	1332568	59.048 ng		98
88) Benzo(b)fluoranthene	15.13	252	1386183	47.691 ng		99
89) Benzo(k)fluoranthene	15.16	252	1270843	50.830 ng		99
90) Benzo(a)pyrene	15.50	252	1267595	50.420 ng		100
91) Dibenzo(a,h)anthracene	17.08	278	1125069	47.673 ng		99
92) Benzo(g,h,i)perylene	17.51	276	1088129	45.689 ng		99

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

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