Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF042519\
Data File : BF113985.D
Acq On : 25 Apr 2019 18:43
Operator : JU/SJ
Sample : K2555-04MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HW-7MSD

Quant Time: Apr 25 23:17:44 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	109615	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	419671	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	225399	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	483776	20.00	ng		0.00
76) Chrysene-d12	14.06	240	426639	20.00	ng		0.00
87) Perylene-d12	15.54	264	464819	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	372545	58.13	ng		0.00
7) Phenol-d6	6.52	99	314709	39.14	ng		0.00
23) Nitrobenzene-d5	7.46	82	680586	100.13	ng		0.00
42) 2,4,6-Tribromophenol	10.73	330	378212	137.74	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1352737	93.87	ng		0.00
79) Terphenyl-d14	13.00	244	1913642	91.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	50621	16.756	ng		96
3) Pyridine	3.45	79	126066	15.288	ng		96
4) n-Nitrosodimethylamine	3.37	42	46008	16.299	ng		91
6) Aniline	6.55	93	248931	22.545	ng		99
8) 2-Chlorophenol	6.68	128	236041	32.259	ng		99
9) Benzaldehyde	6.44	77	90578	15.482	ng		97
10) Phenol	6.53	94	124217	12.919	ng		96
11) bis(2-Chloroethyl)ether	6.63	93	300406	41.519	ng		97
12) 1,3-Dichlorobenzene	6.84	146	322035	38.860	ng		98
13) 1,4-Dichlorobenzene	6.92	146	324079	38.881	ng		100
14) 1,2-Dichlorobenzene	7.07	146	311420	40.654	ng		98
15) Benzyl Alcohol	7.03	79	157140	29.017	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.17	45	346711	41.050	ng		93
17) 2-Methylphenol	7.15	107	177992	27.751	ng		99
18) Hexachloroethane	7.41	117	107320	36.730	ng		95
19) n-Nitroso-di-n-propylamine	7.30	70	226753	43.547	ng		97
20) 3+4-Methylphenols	7.30	107	190418	26.277	ng	#	21
22) Acetophenone	7.30	105	449417	48.122	ng	#	94
24) Nitrobenzene	7.47	77	344861	45.918	ng		99
25) Isophorone	7.72	82	629874	45.290	ng		99
26) 2-Nitrophenol	7.79	139	152384	44.475	ng		98
27) 2,4-Dimethylphenol	7.83	122	225594	40.412	ng		99
28) bis(2-Chloroethoxy)methane	7.92	93	396627	44.755	ng		99
29) 2,4-Dichlorophenol	8.03	162	249380	39.066	ng		100
30) 1,2,4-Trichlorobenzene	8.12	180	299099	42.022	ng		98
31) Naphthalene	8.20	128	890241	44.653	ng		98
32) Benzoic acid	7.91	122	44982	11.932	ng		96
33) 4-Chloroaniline	8.24	127	219103	25.973	ng		99
34) Hexachlorobutadiene	8.32	225	170446	38.414	ng		98
35) Caprolactam	8.60	113	15260	7.515	ng		89
36) 4-Chloro-3-methylphenol	8.72	107	235490	37.236	ng		97
37) 2-Methylnaphthalene	8.89	142	622817	46.326	ng		98
38) 1-Methylnaphthalene	8.99	142	589465	45.428	ng		96
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	329572	45.013	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	348907	85.456	ng		100
43) 2,4,6-Trichlorophenol	9.17	196	197951	42.577	ng		98
44) 2,4,5-Trichlorophenol	9.21	196	226980	43.526	ng		99
46) 1,1'-Biphenyl	9.36	154	799144	46.411	ng		98
47) 2-Chloronaphthalene	9.38	162	648595	46.320	ng		98
48) 2-Nitroaniline	9.47	65	187390	51.049	ng		97
49) Acenaphthylene	9.80	152	1006836	45.929	ng		99
50) Dimethylphthalate	9.66	163	804727	49.366	ng		99
51) 2,6-Dinitrotoluene	9.71	165	184450	52.742	ng		91
52) Acenaphthene	9.97	154	661439	51.056	ng		98
53) 3-Nitroaniline	9.88	138	117000	31.837	ng		91
54) 2,4-Dinitrophenol	9.99	184	145846	94.685	ng	#	1
55) Dibenzofuran	10.14	168	939970	48.437	ng		98
56) 4-Nitrophenol	10.04	139	101790	34.983	ng		99
57) 2,4-Dinitrotoluene	10.12	165	249425	56.504	ng		98
58) Fluorene	10.49	166	713597	48.842	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	214031	46.704	ng		98
60) Diethylphthalate	10.35	149	779252	50.339	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	378768	48.952	ng		99
62) 4-Nitroaniline	10.49	138	177817	49.583	ng		98
63) Azobenzene	10.63	77	719685	47.969	ng		97
65) 4,6-Dinitro-2-methylphenol	10.53	198	100807	45.849	ng		99
66) n-Nitrosodiphenylamine	10.59	169	660491	45.501	ng		98
67) 4-Bromophenyl-phenylether	10.96	248	253317	43.345	ng		97
68) Hexachlorobenzene	11.03	284	284996	44.377	ng		98
69) Atrazine	11.12	200	231372	48.998	ng		99
70) Pentachlorophenol	11.23	266	301087	82.803	ng		98
71) Phenanthrene	11.44	178	1148882	47.255	ng		99
72) Anthracene	11.50	178	1182681	48.171	ng		99
73) Carbazole	11.64	167	1077115	49.175	ng		100
74) Di-n-butylphthalate	11.97	149	1283776	49.825	ng		100
75) Fluoranthene	12.63	202	1299562	48.993	ng		98
77) Benzidine	12.74	184	560475	44.090	ng		97
78) Pyrene	12.86	202	1314828	44.069	ng		99
80) Butylbenzylphthalate	13.47	149	590384	50.294	ng		96
81) Benzo(a)anthracene	14.05	228	1244026	49.490	ng		100
82) 3,3'-Dichlorobenzidine	14.01	252	356117	38.652	ng	#	98
83) Chrysene	14.09	228	1249137	51.025	ng		99
84) Bis(2-ethylhexyl)phthalate	14.04	149	817033	54.705	ng		100
85) Di-n-octyl phthalate	14.66	149	1416504	60.593	ng		98
86) Indeno(1,2,3-cd)pyrene	17.04	276	1258507	54.272	ng		99
88) Benzo(b)fluoranthene	15.12	252	1384287	47.071	ng		98
89) Benzo(k)fluoranthene	15.15	252	1193485	47.179	ng		99
90) Benzo(a)pyrene	15.49	252	1220026	47.962	ng		99
91) Dibenzo(a,h)anthracene	17.07	278	1059202	44.358	ng		100
92) Benzo(g,h,i)perylene	17.50	276	1020301	42.341	ng		98

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

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