Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF072618\
Data File : BF107732.D
Acq On : 27 Jul 2018 7:17
Operator : JU/SJ
Sample : PB111493BS
Misc :
ALS Vial : 34 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB111493BS

Quant Time: Jul 27 08:23:50 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF072018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 20 16:29:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	170310	20.00	ng		-0.01
21) Naphthalene-d8	8.24	136	685708	20.00	ng		-0.02
38) Acenaphthene-d10	10.00	164	308507	20.00	ng		-0.02
63) Phenanthrene-d10	11.50	188	559752	20.00	ng		-0.02
75) Chrysene-d12	14.15	240	365077	20.00	ng		-0.02
86) Perylene-d12	15.67	264	402655	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	808231	76.30	ng		0.00
7) Phenol-d6	6.60	99	992061	78.00	ng		-0.01
23) Nitrobenzene-d5	7.53	82	978427	96.30	ng		-0.02
41) 2,4,6-Tribromophenol	10.80	330	324815	92.59	ng		-0.02
44) 2-Fluorobiphenyl	9.32	172	1915377	118.07	ng		-0.02
78) Terphenyl-d14	13.08	244	1313353	92.10	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	136566	27.699	ng		89
3) Pyridine	3.67	79	309027	23.040	ng	#	84
4) n-Nitrosodimethylamine	3.64	42	116838	20.654	ng	#	94
6) Aniline	6.64	93	292085	17.805	ng	#	68
8) 2-Chlorophenol	6.75	128	429851	37.877	ng		97
9) Benzaldehyde	6.52	77	152070	16.490	ng		97
10) Phenol	6.61	94	462323	30.907	ng		90
11) bis(2-Chloroethyl)ether	6.70	93	456541	36.813	ng		95
12) 1,3-Dichlorobenzene	6.90	146	450377	35.003	ng		98
13) 1,4-Dichlorobenzene	6.98	146	505487	38.330	ng		99
14) 1,2-Dichlorobenzene	7.13	146	450054	38.028	ng		99
15) Benzyl Alcohol	7.11	79	306156	35.318	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	680258	32.514	ng		74
17) 2-Methylphenol	7.22	107	344572	35.723	ng	#	85
18) Hexachloroethane	7.47	117	169296	36.600	ng		96
19) n-Nitroso-di-n-propylamine	7.37	70	290753	35.386	ng		97
20) 3+4-Methylphenols	7.37	107	418741	36.560	ng	#	52
22) Acetophenone	7.37	105	627957	38.994	ng	#	90
24) Nitrobenzene	7.55	77	421171	36.191	ng		98
25) Isophorone	7.78	82	811640	37.412	ng		98
26) 2-Nitrophenol	7.87	139	248119	50.488	ng		96
27) 2,4-Dimethylphenol	7.90	122	368001	39.560	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	519228	35.813	ng		98
29) 2,4-Dichlorophenol	8.11	162	372358	39.162	ng		98
30) 1,2,4-Trichlorobenzene	8.18	180	397371	37.210	ng		98
31) Naphthalene	8.27	128	1290985	42.814	ng		99
32) Benzoic acid	8.02	122	208569	34.730	ng		95
33) 4-Chloroaniline	8.33	127	166291	12.617	ng		96
34) Hexachlorobutadiene	8.37	225	237654	37.452	ng		98
35) Caprolactam	8.69	113	105605	34.148	ng	#	76
36) 4-Chloro-3-methylphenol	8.81	107	402462	38.105	ng		98
37) 2-Methylnaphthalene	8.95	142	882580	42.239	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	425402	41.341	ng		98
40) Hexachlorocyclopentadiene	9.10	237	228626	43.707	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	257761	39.135	ng		99
43) 2,4,5-Trichlorophenol	9.28	196	291738	42.380	ng		97
45) 1,1'-Biphenyl	9.42	154	1105830	41.148	ng		99
46) 2-Chloronaphthalene	9.45	162	811523	39.505	ng		99
47) 2-Nitroaniline	9.55	65	261140	43.605	ng		89
48) Acenaphthylene	9.87	152	1309990	42.452	ng		98
49) Dimethylphthalate	9.72	163	939300	40.398	ng		99
50) 2,6-Dinitrotoluene	9.79	165	198887	43.084	ng		94
51) Acenaphthene	10.04	154	720787	37.280	ng		99
52) 3-Nitroaniline	9.97	138	114674	20.419	ng		94
53) 2,4-Dinitrophenol	10.08	184	132967	66.836	ng	#	31
54) Dibenzofuran	10.21	168	1134902	39.871	ng		99
55) 4-Nitrophenol	10.14	139	189762	45.131	ng		90
56) 2,4-Dinitrotoluene	10.20	165	242904	43.591	ng		96
57) Fluorene	10.55	166	886945	43.677	ng		94
58) 2,3,4,6-Tetrachlorophenol	10.33	232	255318	44.565	ng	#	80
59) Diethylphthalate	10.41	149	951448	39.182	ng		98
60) 4-Chlorophenyl-phenylether	10.54	204	450918	39.279	ng		91
61) 4-Nitroaniline	10.60	138	162192	34.375	ng		95
62) Azobenzene	10.70	77	859396	37.742	ng		95
64) 4,6-Dinitro-2-methylphenol	10.61	198	99495	38.841	ng		88
65) n-Nitrosodiphenylamine	10.67	169	778175	40.934	ng		98
66) 4-Bromophenyl-phenylether	11.03	248	266724	40.479	ng		93
67) Hexachlorobenzene	11.10	284	280978	38.755	ng	#	85
68) Atrazine	11.18	200	234364	40.377	ng		98
69) Pentachlorophenol	11.30	266	245214	54.148	ng		99
70) Phenanthrene	11.52	178	1093504	40.089	ng		99
71) Anthracene	11.57	178	1212033	44.132	ng		99
72) Carbazole	11.74	167	990600	34.686	ng		99
73) Di-n-butylphthalate	12.04	149	1363612	47.032	ng		100
74) Fluoranthene	12.71	202	1015700	34.701	ng		95
76) Benzidine	12.84	184	336320	31.989	ng		98
77) Pyrene	12.94	202	969201	38.812	ng		98
79) Butylbenzylphthalate	13.55	149	428843	39.933	ng	#	88
80) Benzo(a)anthracene	14.14	228	837566	39.149	ng		98
81) 3,3'-Dichlorobenzidine	14.09	252	242600	36.211	ng		98
82) Chrysene	14.17	228	870889	42.376	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	565462	37.317	ng		100
84) Di-n-octyl phthalate	14.71	149	991698	42.105	ng		98
85) Indeno(1,2,3-cd)pyrene	17.25	276	758131	43.526	ng	#	93
87) Benzo(b)fluoranthene	15.22	252	884230	40.125	ng		97
88) Benzo(k)fluoranthene	15.25	252	869973	40.295	ng		98
89) Benzo(a)pyrene	15.61	252	831036	41.226	ng		97
90) Dibenzo(a,h)anthracene	17.26	278	650041	37.305	ng	#	96
91) Benzo(g,h,i)perylene	17.72	276	586295	34.111	ng	#	93

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

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