Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070518\
Data File : BF107163.D
Acq On : 6 Jul 2018 10:03
Operator : JU/SJ
Sample : PB110854BSD
Misc :
ALS Vial : 47 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110854BSD

Quant Time: Jul 06 10:58:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 29 14:38:29 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	62966	20.00	ng		-0.01
21) Naphthalene-d8	8.23	136	241770	20.00	ng		-0.02
38) Acenaphthene-d10	9.99	164	116390	20.00	ng		-0.02
63) Phenanthrene-d10	11.48	188	191797	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	158410	20.00	ng		-0.03
86) Perylene-d12	15.67	264	130245	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	312074	83.92	ng		0.00
7) Phenol-d6	6.60	99	386108	83.15	ng		-0.02
23) Nitrobenzene-d5	7.52	82	360594	82.89	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	108483	80.42	ng		-0.01
44) 2-Fluorobiphenyl	9.30	172	652755	97.01	ng		-0.02
78) Terphenyl-d14	13.07	244	610525	93.36	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.85	88	60961	31.888	ng		98
3) Pyridine	3.63	79	186810	36.031	ng		97
4) n-Nitrosodimethylamine	3.60	42	76705	34.833	ng		88
6) Aniline	6.61	93	160267	25.443	ng	#	45
8) 2-Chlorophenol	6.74	128	172836	42.377	ng		98
9) Benzaldehyde	6.50	77	87342	24.934	ng		100
10) Phenol	6.61	94	213394	40.266	ng		83
11) bis(2-Chloroethyl)ether	6.68	93	173190	39.586	ng		97
12) 1,3-Dichlorobenzene	6.89	146	200843	42.045	ng		97
13) 1,4-Dichlorobenzene	6.97	146	200719	41.562	ng		98
14) 1,2-Dichlorobenzene	7.12	146	184958	41.789	ng		97
15) Benzyl Alcohol	7.10	79	143160	38.394	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.21	45	240212	41.847	ng	#	17
17) 2-Methylphenol	7.21	107	147115	42.150	ng	#	88
18) Hexachloroethane	7.45	117	63333	37.292	ng	#	86
19) n-Nitroso-di-n-propylamine	7.36	70	120041	39.217	ng		92
20) 3+4-Methylphenols	7.37	107	187541	52.046	ng		93
22) Acetophenone	7.35	105	236475	43.719	ng	#	98
24) Nitrobenzene	7.54	77	186895	42.078	ng		99
25) Isophorone	7.77	82	345888	45.119	ng		98
26) 2-Nitrophenol	7.85	139	93593	44.637	ng		98
27) 2,4-Dimethylphenol	7.88	122	159972	49.361	ng		97
28) bis(2-Chloroethoxy)methane	7.97	93	222646	43.256	ng		99
29) 2,4-Dichlorophenol	8.10	162	158524	46.721	ng		96
30) 1,2,4-Trichlorobenzene	8.17	180	172153	46.058	ng		99
31) Naphthalene	8.25	128	497224	43.989	ng		100
32) Benzoic acid	8.02	122	79551	35.448	ng		99
33) 4-Chloroaniline	8.30	127	87407	18.429	ng		98
34) Hexachlorobutadiene	8.35	225	113739	46.700	ng		98
35) Caprolactam	8.68	113	47599	43.037	ng		98
36) 4-Chloro-3-methylphenol	8.80	107	157583	44.125	ng		97
37) 2-Methylnaphthalene	8.94	142	365116	48.733	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	190764	48.669	ng	#	96
40) Hexachlorocyclopentadiene	9.08	237	14637	7.258	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	107885	41.407 ng		93
43) 2,4,5-Trichlorophenol	9.28	196	107995	39.723 ng	#	86
45) 1,1'-Biphenyl	9.41	154	429265	46.278 ng		99
46) 2-Chloronaphthalene	9.44	162	314219	43.036 ng		96
47) 2-Nitroaniline	9.54	65	98253	40.018 ng		98
48) Acenaphthylene	9.85	152	481927	41.807 ng		99
49) Dimethylphthalate	9.70	163	372871	42.714 ng		98
50) 2,6-Dinitrotoluene	9.78	165	83860	45.367 ng		93
51) Acenaphthene	10.02	154	289911	39.939 ng		98
52) 3-Nitroaniline	9.95	138	53878	25.329 ng		94
53) 2,4-Dinitrophenol	10.07	184	28590	33.110 ng	#	15
54) Dibenzofuran	10.20	168	432310	43.493 ng		98
55) 4-Nitrophenol	10.14	139	63841	42.998 ng		98
56) 2,4-Dinitrotoluene	10.19	165	100143	41.505 ng		91
57) Fluorene	10.54	166	335216	42.500 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	83778	38.766 ng	#	79
59) Diethylphthalate	10.40	149	349458	41.477 ng	#	94
60) 4-Chlorophenyl-phenylether	10.52	204	181317	43.935 ng	#	88
61) 4-Nitroaniline	10.57	138	66970	31.724 ng		92
62) Azobenzene	10.69	77	321525	38.753 ng		92
64) 4,6-Dinitro-2-methylphenol	10.60	198	29419	24.814 ng	#	75
65) n-Nitrosodiphenylamine	10.65	169	295216	45.762 ng		99
66) 4-Bromophenyl-phenylether	11.02	248	120084	52.462 ng	#	79
67) Hexachlorobenzene	11.09	284	119419	49.846 ng	#	86
68) Atrazine	11.17	200	103879	50.652 ng		95
69) Pentachlorophenol	11.30	266	49995	41.823 ng		98
70) Phenanthrene	11.51	178	440550	47.623 ng		99
71) Anthracene	11.56	178	450210	47.680 ng		100
72) Carbazole	11.72	167	383039	43.329 ng		98
73) Di-n-butylphthalate	12.02	149	487410	46.800 ng		99
74) Fluoranthene	12.70	202	438868	43.042 ng		96
76) Benzidine	12.82	184	254265	56.360 ng		98
77) Pyrene	12.94	202	436316	41.769 ng		100
79) Butylbenzylphthalate	13.53	149	171821	40.006 ng	#	96
80) Benzo(a)anthracene	14.12	228	434173	44.970 ng		99
81) 3,3'-Dichlorobenzidine	14.08	252	143246	42.215 ng	#	95
82) Chrysene	14.17	228	408734	46.017 ng		99
83) Bis(2-ethylhexyl)phthalate	14.08	149	215908	39.321 ng		98
84) Di-n-octyl phthalate	14.70	149	407681	45.549 ng		96
85) Indeno(1,2,3-cd)pyrene	17.25	276	304879	40.447 ng	#	90
87) Benzo(b)fluoranthene	15.21	252	374263	46.258 ng	#	97
88) Benzo(k)fluoranthene	15.24	252	376851	48.911 ng	#	96
89) Benzo(a)pyrene	15.60	252	338732	47.095 ng	#	97
90) Dibenzo(a,h)anthracene	17.25	278	262102	42.999 ng	#	93
91) Benzo(g,h,i)perylene	17.73	276	249509	41.879 ng	#	90

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

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