Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061418\
Data File : BF106484.D
Acq On : 15 Jun 2018 10:21
Operator : JU/SJ
Sample : PB110266BSD
Misc :
ALS Vial : 48 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB110266BSD

Quant Time: Jun 15 11:12:59 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 15 11:11:47 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	112341	20.00	ng		0.00
21) Naphthalene-d8	8.25	136	392592	20.00	ng		0.00
38) Acenaphthene-d10	10.01	164	156292	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	272056	20.00	ng		0.00
75) Chrysene-d12	14.15	240	266943	20.00	ng		0.00
86) Perylene-d12	15.69	264	186645	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	570240	85.91	ng		0.00
7) Phenol-d6	6.61	99	659723	78.67	ng		0.00
23) Nitrobenzene-d5	7.53	82	620330	92.95	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	134150	89.21	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	973631	129.73	ng		0.00
78) Terphenyl-d14	13.08	244	975441	90.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.89	88	124731	36.310	ng		95
3) Pyridine	3.65	79	373063	38.971	ng		98
4) n-Nitrosodimethylamine	3.62	42	169897	38.741	ng	#	95
6) Aniline	6.63	93	215032	17.560	ng	#	49
8) 2-Chlorophenol	6.76	128	293446	41.111	ng		97
9) Benzaldehyde	6.52	77	191588	30.120	ng		97
10) Phenol	6.62	94	375855	41.055	ng		82
11) bis(2-Chloroethyl)ether	6.70	93	306897	39.159	ng		99
12) 1,3-Dichlorobenzene	6.91	146	342153	40.728	ng		98
13) 1,4-Dichlorobenzene	6.98	146	343645	40.309	ng		99
14) 1,2-Dichlorobenzene	7.14	146	315368	39.296	ng		99
15) Benzyl Alcohol	7.11	79	268715	37.417	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.24	45	449525	40.013	ng		75
17) 2-Methylphenol	7.22	107	244642	38.415	ng	#	93
18) Hexachloroethane	7.48	117	97249	32.014	ng		91
19) n-Nitroso-di-n-propylamine	7.37	70	204367	32.483	ng		97
20) 3+4-Methylphenols	7.38	107	305410	37.500	ng	#	77
22) Acetophenone	7.37	105	397995	40.227	ng	#	95
24) Nitrobenzene	7.55	77	318577	43.921	ng		96
25) Isophorone	7.78	82	561213	43.055	ng		98
26) 2-Nitrophenol	7.87	139	144038	51.161	ng		96
27) 2,4-Dimethylphenol	7.90	122	255557	46.311	ng		98
28) bis(2-Chloroethoxy)methane	7.99	93	353609	41.837	ng		99
29) 2,4-Dichlorophenol	8.11	162	238934	44.881	ng		100
30) 1,2,4-Trichlorobenzene	8.19	180	252467	42.295	ng		96
31) Naphthalene	8.27	128	774330	43.631	ng		99
32) Benzoic acid	8.01	122	133530	35.115	ng		99
33) 4-Chloroaniline	8.32	127	84917	10.797	ng		98
34) Hexachlorobutadiene	8.38	225	164219	42.822	ng		100
35) Caprolactam	8.68	113	70345	39.065	ng		94
36) 4-Chloro-3-methylphenol	8.81	107	237569	40.342	ng		99
37) 2-Methylnaphthalene	8.96	142	506630	41.913	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	250722	49.416	ng	#	97
40) Hexachlorocyclopentadiene	9.11	237	48955	17.488	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	158909	49.147	ng		98
43) 2,4,5-Trichlorophenol	9.30	196	163031	46.772	ng		94
45) 1,1'-Biphenyl	9.42	154	576893	47.655	ng		99
46) 2-Chloronaphthalene	9.45	162	444250	45.857	ng		98
47) 2-Nitroaniline	9.55	65	151613	49.749	ng		90
48) Acenaphthylene	9.87	152	680262	45.876	ng		99
49) Dimethylphthalate	9.72	163	523113	46.848	ng		99
50) 2,6-Dinitrotoluene	9.79	165	104427	45.784	ng		92
51) Acenaphthene	10.04	154	388169	40.535	ng		99
52) 3-Nitroaniline	9.96	138	75313	27.820	ng		97
53) 2,4-Dinitrophenol	10.07	184	14648	21.095	ng	#	17
54) Dibenzofuran	10.21	168	563861	43.727	ng		97
55) 4-Nitrophenol	10.14	139	148327	71.482	ng		90
56) 2,4-Dinitrotoluene	10.19	165	127634	44.561	ng		97
57) Fluorene	10.56	166	419148	41.025	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.33	232	121853	44.107	ng	#	85
59) Diethylphthalate	10.42	149	467808	42.209	ng		97
60) 4-Chlorophenyl-phenylether	10.55	204	220258	40.988	ng	#	88
61) 4-Nitroaniline	10.57	138	89152	33.848	ng		97
62) Azobenzene	10.71	77	468468	40.537	ng		96
64) 4,6-Dinitro-2-methylphenol	10.60	198	16544	16.089	ng		91
65) n-Nitrosodiphenylamine	10.67	169	391738	42.844	ng		95
66) 4-Bromophenyl-phenylether	11.04	248	137560	44.456	ng	#	86
67) Hexachlorobenzene	11.11	284	140275	43.972	ng	#	85
68) Atrazine	11.19	200	121996	43.296	ng		95
69) Pentachlorophenol	11.30	266	123479	62.870	ng		98
70) Phenanthrene	11.52	178	598548	44.924	ng		99
71) Anthracene	11.58	178	609201	45.640	ng		99
72) Carbazole	11.73	167	554698	45.014	ng		100
73) Di-n-butylphthalate	12.05	149	607215	44.274	ng		99
74) Fluoranthene	12.72	202	695891	48.976	ng		96
76) Benzidine	12.84	184	549368	61.836	ng		98
77) Pyrene	12.95	202	718754	43.008	ng		99
79) Butylbenzylphthalate	13.55	149	295341	47.211	ng	#	97
80) Benzo(a)anthracene	14.14	228	699048	44.005	ng		99
81) 3,3'-Dichlorobenzidine	14.10	252	246403	45.973	ng	#	96
82) Chrysene	14.18	228	646997	44.609	ng		99
83) Bis(2-ethylhexyl)phthalate	14.11	149	395310	44.072	ng		99
84) Di-n-octyl phthalate	14.74	149	694107	53.677	ng		99
85) Indeno(1,2,3-cd)pyrene	17.25	276	449683	38.849	ng	#	93
87) Benzo(b)fluoranthene	15.24	252	530515	47.021	ng	#	97
88) Benzo(k)fluoranthene	15.27	252	502890	45.006	ng	#	96
89) Benzo(a)pyrene	15.62	252	459738	45.303	ng		98
90) Dibenzo(a,h)anthracene	17.27	278	373061	44.095	ng		96
91) Benzo(g,h,i)perylene	17.73	276	375576	45.679	ng	#	92

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

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