Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF101218\
Data File : BF109875.D
Acq On : 13 Oct 2018 10:32
Operator : JU/SJ
Sample : PB113650BSD
Misc :
ALS Vial : 49 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB113650BSD

Quant Time: Oct 15 01:22:19 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	96707	20.00	ng		0.00
21) Naphthalene-d8	7.97	136	376555	20.00	ng		0.00
38) Acenaphthene-d10	9.72	164	159071	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	245946	20.00	ng		0.00
75) Chrysene-d12	13.83	240	176344	20.00	ng		0.00
86) Perylene-d12	15.23	264	145951	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	401013	73.60	ng		0.00
7) Phenol-d6	6.35	99	525383	72.19	ng		-0.01
23) Nitrobenzene-d5	7.26	82	516545	75.62	ng		0.00
41) 2,4,6-Tribromophenol	10.51	330	110128	63.54	ng		0.00
44) 2-Fluorobiphenyl	9.05	172	915089	79.23	ng		0.00
78) Terphenyl-d14	12.78	244	614750	67.48	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.48	88	71323	24.944	ng		99
3) Pyridine	3.19	79	163301	27.682	ng		98
4) n-Nitrosodimethylamine	3.13	42	70994	33.342	ng		92
6) Aniline	6.36	93	127036	14.984	ng	#	62
8) 2-Chlorophenol	6.48	128	232499	34.699	ng		95
9) Benzaldehyde	6.25	77	102413	21.867	ng		96
10) Phenol	6.36	94	254758	30.526	ng	#	75
11) bis(2-Chloroethyl)ether	6.43	93	186762	26.993	ng		98
12) 1,3-Dichlorobenzene	6.63	146	241058	31.455	ng		99
13) 1,4-Dichlorobenzene	6.71	146	265205	31.746	ng		98
14) 1,2-Dichlorobenzene	6.86	146	239661	32.667	ng		99
15) Benzyl Alcohol	6.85	79	177991	32.988	ng		98
16) 2,2'-oxybis(1-Chloropropan	6.97	45	297431	32.419	ng		98
17) 2-Methylphenol	6.96	107	173667	32.775	ng		94
18) Hexachloroethane	7.20	117	90658	30.702	ng		92
19) n-Nitroso-di-n-propylamine	7.12	70	165855	32.495	ng		96
20) 3+4-Methylphenols	7.12	107	221066	33.858	ng		96
22) Acetophenone	7.10	105	332475	36.512	ng	#	99
24) Nitrobenzene	7.28	77	233541	32.855	ng		99
25) Isophorone	7.52	82	436931	38.518	ng		100
26) 2-Nitrophenol	7.60	139	110192	33.142	ng		95
27) 2,4-Dimethylphenol	7.64	122	186625	38.870	ng		98
28) bis(2-Chloroethoxy)methane	7.73	93	278475	36.294	ng		98
29) 2,4-Dichlorophenol	7.85	162	185006	34.353	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	201474	33.795	ng		99
31) Naphthalene	8.00	128	656265	37.685	ng		99
32) Benzoic acid	7.78	122	93510	27.241	ng		88
33) 4-Chloroaniline	8.06	127	56328	7.345	ng		96
34) Hexachlorobutadiene	8.12	225	124686	33.637	ng		98
35) Caprolactam	8.43	113	53534	33.286	ng		88
36) 4-Chloro-3-methylphenol	8.55	107	188115	33.091	ng		97
37) 2-Methylnaphthalene	8.69	142	413268	36.229	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	195079	36.027	ng		99
40) Hexachlorocyclopentadiene	8.84	237	45393	24.625	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	112050	34.616	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	125720	33.779	ng		98
45) 1,1'-Biphenyl	9.15	154	500969	35.253	ng		100
46) 2-Chloronaphthalene	9.17	162	371313	34.877	ng		99
47) 2-Nitroaniline	9.27	65	113388	35.174	ng		100
48) Acenaphthylene	9.59	152	569287	36.678	ng		99
49) Dimethylphthalate	9.45	163	443798	38.041	ng		100
50) 2,6-Dinitrotoluene	9.52	165	91562	36.207	ng		97
51) Acenaphthene	9.76	154	314398	34.170	ng		99
52) 3-Nitroaniline	9.69	138	47975	16.924	ng		99
53) 2,4-Dinitrophenol	9.81	184	15931	19.526	ng	#	76
54) Dibenzofuran	9.93	168	470396	34.107	ng		99
55) 4-Nitrophenol	9.87	139	69390	44.720	ng	#	84
56) 2,4-Dinitrotoluene	9.92	165	106364	33.703	ng		95
57) Fluorene	10.27	166	368323	35.761	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.05	232	103672	34.267	ng		91
59) Diethylphthalate	10.15	149	432159	37.387	ng		99
60) 4-Chlorophenyl-phenylether	10.26	204	184666	33.986	ng		98
61) 4-Nitroaniline	10.30	138	68691	26.165	ng		97
62) Azobenzene	10.42	77	391633	33.364	ng		99
64) 4,6-Dinitro-2-methylphenol	10.33	198	15564	13.002	ng		85
65) n-Nitrosodiphenylamine	10.38	169	338209	40.564	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	104948	37.137	ng		100
67) Hexachlorobenzene	10.82	284	105307	34.413	ng		98
68) Atrazine	10.91	200	105253	40.450	ng		98
69) Pentachlorophenol	11.02	266	82275	47.781	ng		100
70) Phenanthrene	11.23	178	436808	35.490	ng		99
71) Anthracene	11.27	178	494170	38.840	ng		100
72) Carbazole	11.43	167	409952	33.222	ng		99
73) Di-n-butylphthalate	11.76	149	548466	38.321	ng		99
74) Fluoranthene	12.41	202	429166	33.377	ng		97
76) Benzidine	12.54	184	187524	28.626	ng		97
77) Pyrene	12.63	202	414792	32.104	ng		99
79) Butylbenzylphthalate	13.25	149	191025	34.102	ng		99
80) Benzo(a)anthracene	13.82	228	358346	36.824	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	125521	32.034	ng		99
82) Chrysene	13.86	228	382789	37.449	ng		98
83) Bis(2-ethylhexyl)phthalate	13.81	149	256808	37.577	ng		100
84) Di-n-octyl phthalate	14.42	149	452821	41.919	ng		100
85) Indeno(1,2,3-cd)pyrene	16.58	276	255186	34.879	ng		99
87) Benzo(b)fluoranthene	14.83	252	277204	34.369	ng		98
88) Benzo(k)fluoranthene	14.86	252	345908	42.684	ng		99
89) Benzo(a)pyrene	15.17	252	281926	38.518	ng	#	95
90) Dibenzo(a,h)anthracene	16.59	278	212902	35.418	ng		99
91) Benzo(g,h,i)perylene	16.98	276	201505	33.569	ng		99

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

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