Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF090617\
Data File : BF098301.D
Acq On : 7 Sep 2017 5:04
Operator : SJ/JU
Sample : PB102084BSD
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : PB102084BSD

Quant Time: Sep 07 07:24:20 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Sep 05 17:28:20 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	104620	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	398548	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	155651	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	250024	20.00	ng		0.00
75) Chrysene-d12	13.85	240	214216	20.00	ng		-0.01
86) Perylene-d12	15.26	264	148703	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	551521	80.19	ng		0.00
7) Phenol-d6	6.35	99	728079	77.91	ng		0.00
23) Nitrobenzene-d5	7.27	82	638192	86.99	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	100595	74.49	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	934029	88.16	ng		-0.01
78) Terphenyl-d14	12.80	244	639152	62.22	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.40	88	124678	32.504	ng	#	88
3) Pyridine	3.09	79	350253	33.030	ng		85
4) n-Nitrosodimethylamine	3.06	42	129707	31.789	ng	#	75
6) Aniline	6.36	93	321238	24.469	ng	#	20
8) 2-Chlorophenol	6.49	128	277974	38.322	ng		100
9) Benzaldehyde	6.25	77	70100	11.843	ng		92
10) Phenol	6.36	94	386655	35.376	ng		87
11) bis(2-Chloroethyl)ether	6.44	93	309034	37.461	ng		93
12) 1,3-Dichlorobenzene	6.64	146	277533	35.570	ng	#	96
13) 1,4-Dichlorobenzene	6.72	146	279534	35.226	ng		95
14) 1,2-Dichlorobenzene	6.87	146	261218	35.701	ng		99
15) Benzyl Alcohol	6.85	79	246456	35.225	ng		96
16) 2,2'-oxybis(1-Chloropropan	6.98	45	383293	34.533	ng		86
17) 2-Methylphenol	6.96	107	243881	38.153	ng		94
18) Hexachloroethane	7.20	117	87360	28.080	ng	#	80
19) n-Nitroso-di-n-propylamine	7.12	70	214740	33.567	ng		88
20) 3+4-Methylphenols	7.12	107	298628	38.249	ng	#	71
22) Acetophenone	7.11	105	403464	38.320	ng	#	85
24) Nitrobenzene	7.29	77	332338	40.685	ng		96
25) Isophorone	7.52	82	579037	37.957	ng		97
26) 2-Nitrophenol	7.60	139	110028	38.364	ng	#	81
27) 2,4-Dimethylphenol	7.65	122	245550	38.595	ng		97
28) bis(2-Chloroethoxy)methane	7.73	93	383306	38.219	ng		99
29) 2,4-Dichlorophenol	7.85	162	202197	38.286	ng		93
30) 1,2,4-Trichlorobenzene	7.92	180	214084	36.567	ng		98
31) Naphthalene	8.00	128	755056	36.493	ng		99
32) Benzoic acid	7.77	122	94377	24.048	ng		94
33) 4-Chloroaniline	8.06	127	214325	24.562	ng		99
34) Hexachlorobutadiene	8.12	225	123350	36.085	ng		100
35) Caprolactam	8.43	113	64831	36.109	ng		95
36) 4-Chloro-3-methylphenol	8.55	107	235112	34.650	ng	#	82
37) 2-Methylnaphthalene	8.69	142	477900	37.674	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	192358	40.269	ng		99
40) Hexachlorocyclopentadiene	8.84	237	13869	6.044	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	122663	38.248	ng		97
43) 2,4,5-Trichlorophenol	9.02	196	123598	38.847	ng		96
45) 1,1'-Biphenyl	9.16	154	549918	38.743	ng		96
46) 2-Chloronaphthalene	9.18	162	390624	37.246	ng	#	92
47) 2-Nitroaniline	9.29	65	156953	44.641	ng		92
48) Acenaphthylene	9.60	152	619241	37.600	ng		99
49) Dimethylphthalate	9.46	163	488429	42.929	ng		99
50) 2,6-Dinitrotoluene	9.53	165	86428	38.056	ng	#	72
51) Acenaphthene	9.77	154	361351	34.789	ng		98
52) 3-Nitroaniline	9.69	138	114163	38.962	ng		86
53) 2,4-Dinitrophenol	9.81	184	4631	13.885	ng	#	72
54) Dibenzofuran	9.94	168	533336	38.312	ng		99
55) 4-Nitrophenol	9.87	139	125464	53.677	ng	#	42
56) 2,4-Dinitrotoluene	9.93	165	99631	34.957	ng	#	53
57) Fluorene	10.28	166	391991	36.421	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.06	232	88601	35.968	ng		93
59) Diethylphthalate	10.16	149	476228	40.026	ng		100
60) 4-Chlorophenyl-phenylether	10.27	204	190725	38.144	ng		88
61) 4-Nitroaniline	10.30	138	113998	40.934	ng		74
62) Azobenzene	10.43	77	507601	35.916	ng		92
64) 4,6-Dinitro-2-methylphenol	10.34	198	4383	11.396	ng		91
65) n-Nitrosodiphenylamine	10.39	169	357024	41.933	ng		99
66) 4-Bromophenyl-phenylether	10.76	248	106701	41.097	ng		95
67) Hexachlorobenzene	10.83	284	100876	38.119	ng	#	85
68) Atrazine	10.93	200	101091	44.772	ng		97
69) Pentachlorophenol	11.03	266	81836	53.038	ng		96
70) Phenanthrene	11.24	178	516851	38.794	ng		99
71) Anthracene	11.29	178	527563	39.041	ng		99
72) Carbazole	11.45	167	500108	38.989	ng		98
73) Di-n-butylphthalate	11.78	149	661540	44.775	ng		99
74) Fluoranthene	12.43	202	543484	39.082	ng		99
76) Benzidine	12.56	184	462399	65.834	ng	#	92
77) Pyrene	12.66	202	564111	32.197	ng		98
79) Butylbenzylphthalate	13.27	149	265352	39.502	ng	#	72
80) Benzo(a)anthracene	13.84	228	453409	35.315	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	179983	41.544	ng	#	96
82) Chrysene	13.88	228	452196	35.406	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	355282	47.730	ng		99
84) Di-n-octyl phthalate	14.44	149	642112	49.578	ng		98
85) Indeno(1,2,3-cd)pyrene	16.62	276	304166	32.374	ng		95
87) Benzo(b)fluoranthene	14.86	252	380701	40.616	ng		98
88) Benzo(k)fluoranthene	14.89	252	346112	39.303	ng	#	94
89) Benzo(a)pyrene	15.20	252	330192	39.792	ng		98
90) Dibenzo(a,h)anthracene	16.63	278	251244	37.191	ng		98
91) Benzo(g,h,i)perylene	17.03	276	247071	35.052	ng	#	93

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

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