Quantitation Report (QT Reviewed)

Data Path : \\74.0.250.170\SVOASRV\HPCHEM1\BNA F\DATA\BF111317\
Data File : BF100522.D
Acq On : 14 Nov 2017 2:52
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Nov 14 08:39:31 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 14 02:37:14 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	120449	20.00	ng		-0.01
21) Naphthalene-d8	8.17	136	444121	20.00	ng		-0.01
38) Acenaphthene-d10	9.93	164	168482	20.00	ng		-0.01
63) Phenanthrene-d10	11.42	188	262335	20.00	ng		0.00
75) Chrysene-d12	14.06	240	250725	20.00	ng		-0.01
86) Perylene-d12	15.53	264	198590	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.50	112	612552	81.52	ng		0.00
7) Phenol-d6	6.52	99	735487	79.38	ng		0.00
23) Nitrobenzene-d5	7.46	82	648451	96.53	ng		-0.01
41) 2,4,6-Tribromophenol	10.72	330	131705	76.71	ng		-0.01
44) 2-Fluorobiphenyl	9.25	172	1072281	96.91	ng		-0.01
78) Terphenyl-d14	13.00	244	838062	76.80	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	147713	40.339	ng		96
3) Pyridine	3.45	79	400597	40.098	ng		93
4) n-Nitrosodimethylamine	3.40	42	191570	39.495	ng		97
6) Aniline	6.56	93	505631	38.626	ng		100
8) 2-Chlorophenol	6.68	128	322261	40.540	ng		97
9) Benzaldehyde	6.45	77	257585	38.927	ng		100
10) Phenol	6.53	94	390161	40.111	ng		98
11) bis(2-Chloroethyl)ether	6.63	93	325636	39.856	ng		95
12) 1,3-Dichlorobenzene	6.83	146	371784	40.567	ng		100
13) 1,4-Dichlorobenzene	6.91	146	379096	40.869	ng		98
14) 1,2-Dichlorobenzene	7.06	146	348529	40.639	ng		98
15) Benzyl Alcohol	7.03	79	281082	38.869	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.17	45	518700	39.694	ng		97
17) 2-Methylphenol	7.14	107	271400	39.953	ng		99
18) Hexachloroethane	7.40	117	95722	31.298	ng		99
19) n-Nitroso-di-n-propylamine	7.30	70	240622	37.446	ng		93
20) 3+4-Methylphenols	7.29	107	329653	38.349	ng		92
22) Acetophenone	7.30	105	445216	41.110	ng	#	99
24) Nitrobenzene	7.47	77	331075	47.884	ng		99
25) Isophorone	7.72	82	576738	40.856	ng		99
26) 2-Nitrophenol	7.79	139	144249	44.890	ng		92
27) 2,4-Dimethylphenol	7.82	122	268135	42.372	ng		96
28) bis(2-Chloroethoxy)methane	7.92	93	391619	42.412	ng		99
29) 2,4-Dichlorophenol	8.03	162	254078	42.058	ng		98
30) 1,2,4-Trichlorobenzene	8.12	180	276706	42.344	ng		96
31) Naphthalene	8.20	128	870050	40.673	ng		99
32) Benzoic acid	7.92	122	150137	34.305	ng		96
33) 4-Chloroaniline	8.25	127	363921	40.871	ng		99
34) Hexachlorobutadiene	8.31	225	169588	43.648	ng		100
35) Caprolactam	8.61	113	73838	35.616	ng		96
36) 4-Chloro-3-methylphenol	8.72	107	247974	38.219	ng		99
37) 2-Methylnaphthalene	8.89	142	546609	38.489	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.05	216	286562	51.284	ng	#	96
40) Hexachlorocyclopentadiene	9.04	237	10896	4.143	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.16	196	165898	46.845	ng		99
43) 2,4,5-Trichlorophenol	9.20	196	167427	45.631	ng		97
45) 1,1'-Biphenyl	9.35	154	686773	47.130	ng		99
46) 2-Chloronaphthalene	9.37	162	481799	45.576	ng		96
47) 2-Nitroaniline	9.47	65	158804	50.674	ng		93
48) Acenaphthylene	9.79	152	738795	42.170	ng		99
49) Dimethylphthalate	9.65	163	604486	46.991	ng		100
50) 2,6-Dinitrotoluene	9.71	165	111570	43.816	ng		97
51) Acenaphthene	9.96	154	427453	40.118	ng		98
52) 3-Nitroaniline	9.88	138	137723	45.804	ng		98
53) 2,4-Dinitrophenol	9.98	184	2490	10.861	ng	#	38
54) Dibenzofuran	10.13	168	602159	40.323	ng		99
55) 4-Nitrophenol	10.03	139	83407	34.162	ng		93
56) 2,4-Dinitrotoluene	10.11	165	125130	38.954	ng	#	96
57) Fluorene	10.48	166	440621	40.277	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.25	232	113543	37.758	ng	#	86
59) Diethylphthalate	10.34	149	563951	43.809	ng		97
60) 4-Chlorophenyl-phenylether	10.47	204	231786	43.190	ng		90
61) 4-Nitroaniline	10.49	138	123179	43.204	ng		88
62) Azobenzene	10.63	77	450286	37.139	ng		96
64) 4,6-Dinitro-2-methylphenol	10.52	198	7660	13.321	ng	#	69
65) n-Nitrosodiphenylamine	10.59	169	440081	48.246	ng		95
66) 4-Bromophenyl-phenylether	10.96	248	134306	47.758	ng	#	89
67) Hexachlorobenzene	11.03	284	128343	43.636	ng	#	84
68) Atrazine	11.11	200	113248	41.015	ng		96
69) Pentachlorophenol	11.22	266	83795	39.732	ng		96
70) Phenanthrene	11.44	178	588849	42.632	ng		98
71) Anthracene	11.49	178	592008	42.246	ng		100
72) Carbazole	11.64	167	538115	41.617	ng		99
73) Di-n-butylphthalate	11.97	149	714778	47.238	ng		99
74) Fluoranthene	12.63	202	647687	44.246	ng		98
76) Benzidine	12.75	184	395684	39.407	ng		100
77) Pyrene	12.86	202	680810	38.092	ng		99
79) Butylbenzylphthalate	13.47	149	298311	40.928	ng		96
80) Benzo(a)anthracene	14.04	228	645081	42.725	ng		99
81) 3,3'-Dichlorobenzidine	14.00	252	260788	48.208	ng		98
82) Chrysene	14.08	228	601076	41.111	ng		99
83) Bis(2-ethylhexyl)phthalate	14.02	149	437565	45.644	ng		98
84) Di-n-octyl phthalate	14.64	149	779987	47.362	ng		99
85) Indeno(1,2,3-cd)pyrene	17.02	276	424607	35.904	ng		95
87) Benzo(b)fluoranthene	15.10	252	497836	42.314	ng		98
88) Benzo(k)fluoranthene	15.13	252	516579	46.469	ng		97
89) Benzo(a)pyrene	15.47	252	443794	42.548	ng		100
90) Dibenzo(a,h)anthracene	17.04	278	361885	42.424	ng		96
91) Benzo(g,h,i)perylene	17.47	276	343290	41.112	ng		95

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

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