Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF072617\
Data File : BF097081.D
Acq On : 26 Jul 2017 17:59
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 27 08:17:23 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 25 14:11:51 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.50	152	117029	20.00	ng		0.00
21) Naphthalene-d8	7.78	136	527393	20.00	ng		0.00
38) Acenaphthene-d10	9.53	164	217951	20.00	ng		0.00
63) Phenanthrene-d10	11.00	188	412483	20.00	ng		0.00
75) Chrysene-d12	13.63	240	267199	20.00	ng		0.00
86) Perylene-d12	14.98	264	235360	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.10	112	618869	79.72	ng		0.00
7) Phenol-d6	6.17	99	667834	75.35	ng		0.00
23) Nitrobenzene-d5	7.07	82	663061	73.75	ng		0.00
41) 2,4,6-Tribromophenol	10.32	330	140154	81.39	ng		0.00
44) 2-Fluorobiphenyl	8.86	172	1056247	82.25	ng		0.00
78) Terphenyl-d14	12.59	244	924011	70.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.03	88	136870	42.248	ng	#	75
3) Pyridine	2.65	79	446048	44.964	ng	#	68
4) n-Nitrosodimethylamine	2.61	42	237184	43.158	ng		80
6) Aniline	6.16	93	416370	37.334	ng	#	81
8) 2-Chlorophenol	6.29	128	314334	37.867	ng		93
9) Benzaldehyde	6.04	77	170364	32.476	ng		99
10) Phenol	6.18	94	403723	38.405	ng		95
11) bis(2-Chloroethyl)ether	6.25	93	296787	35.696	ng		93
12) 1,3-Dichlorobenzene	6.44	146	352585	39.414	ng		99
13) 1,4-Dichlorobenzene	6.52	146	349976	39.477	ng		95
14) 1,2-Dichlorobenzene	6.67	146	314497	40.629	ng		98
15) Benzyl Alcohol	6.66	79	224059	39.931	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.79	45	621911	37.293	ng		88
17) 2-Methylphenol	6.79	107	249542	38.951	ng	#	90
18) Hexachloroethane	7.00	117	133269	41.090	ng	#	76
19) n-Nitroso-di-n-propylamine	6.93	70	221792	38.020	ng	#	84
20) 3+4-Methylphenols	6.94	107	333923	39.907	ng	#	63
22) Acetophenone	6.92	105	447122	35.303	ng		97
24) Nitrobenzene	7.09	77	344460	36.790	ng		91
25) Isophorone	7.33	82	612918	34.813	ng		96
26) 2-Nitrophenol	7.40	139	182199	35.968	ng	#	88
27) 2,4-Dimethylphenol	7.46	122	295398	35.351	ng		96
28) bis(2-Chloroethoxy)methane	7.55	93	410317	35.713	ng		99
29) 2,4-Dichlorophenol	7.66	162	287417	39.927	ng		96
30) 1,2,4-Trichlorobenzene	7.73	180	264727	38.582	ng		97
31) Naphthalene	7.80	128	949115	38.177	ng		100
32) Benzoic acid	7.63	122	251880	40.368	ng		95
33) 4-Chloroaniline	7.86	127	381893	37.752	ng		99
34) Hexachlorobutadiene	7.93	225	134525	36.982	ng		97
35) Caprolactam	8.25	113	93514	40.513	ng	#	61
36) 4-Chloro-3-methylphenol	8.36	107	289640	36.881	ng		86
37) 2-Methylnaphthalene	8.49	142	576825	36.646	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.66	216	241921	41.599	ng		99
40) Hexachlorocyclopentadiene	8.65	237	64852	35.854	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.79	196	172139	40.846	ng		96
43) 2,4,5-Trichlorophenol	8.83	196	173870	41.219	ng		98
45) 1,1'-Biphenyl	8.96	154	734464	39.453	ng		99
46) 2-Chloronaphthalene	8.98	162	546562	39.897	ng	#	92
47) 2-Nitroaniline	9.09	65	200364	40.301	ng		96
48) Acenaphthylene	9.39	152	785823	37.372	ng		99
49) Dimethylphthalate	9.27	163	652444	39.421	ng		100
50) 2,6-Dinitrotoluene	9.33	165	134886	38.426	ng	#	87
51) Acenaphthene	9.56	154	471711	38.085	ng		98
52) 3-Nitroaniline	9.50	138	163208	37.458	ng		93
53) 2,4-Dinitrophenol	9.61	184	68104	42.670	ng	#	75
54) Dibenzofuran	9.73	168	670511	40.643	ng		97
55) 4-Nitrophenol	9.69	139	98638	38.067	ng	#	71
56) 2,4-Dinitrotoluene	9.73	165	168425	41.737	ng	#	48
57) Fluorene	10.07	166	506321	40.834	ng		99
58) 2,3,4,6-Tetrachlorophenol	9.86	232	120218	41.276	ng		97
59) Diethylphthalate	9.97	149	618851	40.756	ng		99
60) 4-Chlorophenyl-phenylether	10.07	204	206361	40.302	ng		98
61) 4-Nitroaniline	10.11	138	164163	39.652	ng		92
62) Azobenzene	10.23	77	581539	41.284	ng		92
64) 4,6-Dinitro-2-methylphenol	10.15	198	97388	37.996	ng		92
65) n-Nitrosodiphenylamine	10.20	169	480958	33.512	ng		99
66) 4-Bromophenyl-phenylether	10.56	248	146967	35.702	ng		95
67) Hexachlorobenzene	10.63	284	156604	33.925	ng	#	94
68) Atrazine	10.73	200	143149	34.783	ng		92
69) Pentachlorophenol	10.82	266	63112	33.043	ng		96
70) Phenanthrene	11.03	178	813551	36.811	ng		100
71) Anthracene	11.08	178	835963	36.930	ng		99
72) Carbazole	11.24	167	822813	36.960	ng		99
73) Di-n-butylphthalate	11.58	149	939379	34.136	ng		99
74) Fluoranthene	12.21	202	809944	37.408	ng		98
76) Benzidine	12.34	184	364907	36.806	ng		95
77) Pyrene	12.43	202	806042	36.848	ng		99
79) Butylbenzylphthalate	13.07	149	387084	34.788	ng	#	82
80) Benzo(a)anthracene	13.62	228	666978	38.578	ng		100
81) 3,3'-Dichlorobenzidine	13.59	252	267954	41.099	ng	#	96
82) Chrysene	13.66	228	658404	39.000	ng		99
83) Bis(2-ethylhexyl)phthalate	13.63	149	537143	36.973	ng		99
84) Di-n-octyl phthalate	14.24	149	876720	32.884	ng	#	93
85) Indeno(1,2,3-cd)pyrene	16.21	276	525320	36.289	ng		98
87) Benzo(b)fluoranthene	14.62	252	553511	39.123	ng		99
88) Benzo(k)fluoranthene	14.64	252	488751	36.253	ng		96
89) Benzo(a)pyrene	14.93	252	490556	37.885	ng		98
90) Dibenzo(a,h)anthracene	16.22	278	418633	39.425	ng		97
91) Benzo(g,h,i)perylene	16.57	276	418712	37.602	ng		98

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

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