Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF082817\
Data File : BF098058.D
Acq On : 28 Aug 2017 10:17
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 28 13:45:54 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Aug 21 15:59:04 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	120755	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	485460	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	216748	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	413405	20.00	ng		0.00
75) Chrysene-d12	13.90	240	320789	20.00	ng		0.00
86) Perylene-d12	15.32	264	221314	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	647389	81.55	ng		0.00
7) Phenol-d6	6.39	99	882787	81.84	ng		0.00
23) Nitrobenzene-d5	7.32	82	801996	89.75	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	156265	83.09	ng		0.00
44) 2-Fluorobiphenyl	9.11	172	1108965	75.17	ng		0.00
78) Terphenyl-d14	12.85	244	1097158	71.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	182692	41.264	ng		89
3) Pyridine	3.13	79	513698	41.970	ng		86
4) n-Nitrosodimethylamine	3.09	42	185994	39.493	ng		81
6) Aniline	6.41	93	591182	39.014	ng		98
8) 2-Chlorophenol	6.53	128	346460	41.382	ng		100
9) Benzaldehyde	6.29	77	257833	37.738	ng		90
10) Phenol	6.40	94	516163	40.915	ng		93
11) bis(2-Chloroethyl)ether	6.49	93	381466	40.063	ng		96
12) 1,3-Dichlorobenzene	6.69	146	362156	40.214	ng	#	94
13) 1,4-Dichlorobenzene	6.76	146	365048	39.856	ng	#	94
14) 1,2-Dichlorobenzene	6.92	146	338421	40.072	ng		98
15) Benzyl Alcohol	6.89	79	320920	39.739	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.02	45	483134	37.712	ng		89
17) 2-Methylphenol	7.01	107	296781	40.225	ng		96
18) Hexachloroethane	7.26	117	146555	40.812	ng	#	82
19) n-Nitroso-di-n-propylamine	7.17	70	277409	37.569	ng		89
20) 3+4-Methylphenols	7.16	107	352202	39.084	ng		91
22) Acetophenone	7.16	105	487896	38.043	ng	#	90
24) Nitrobenzene	7.33	77	434367	43.655	ng		94
25) Isophorone	7.57	82	721098	38.807	ng		97
26) 2-Nitrophenol	7.65	139	174442	48.348	ng	#	74
27) 2,4-Dimethylphenol	7.69	122	308087	39.755	ng		96
28) bis(2-Chloroethoxy)methane	7.79	93	479156	39.223	ng		99
29) 2,4-Dichlorophenol	7.89	162	264024	41.043	ng		95
30) 1,2,4-Trichlorobenzene	7.97	180	282703	39.643	ng		99
31) Naphthalene	8.05	128	991837	39.354	ng		100
32) Benzoic acid	7.83	122	195483	36.406	ng		88
33) 4-Chloroaniline	8.10	127	428724	40.336	ng		98
34) Hexachlorobutadiene	8.17	225	163825	39.346	ng		98
35) Caprolactam	8.49	113	94622	43.267	ng		96
36) 4-Chloro-3-methylphenol	8.59	107	335680	40.614	ng	#	83
37) 2-Methylnaphthalene	8.75	142	612372	39.632	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.91	216	267047	40.146	ng		98
40) Hexachlorocyclopentadiene	8.89	237	116697	36.517	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.02	196	183023	40.982	ng		99
43) 2,4,5-Trichlorophenol	9.07	196	185691	41.912	ng		97
45) 1,1'-Biphenyl	9.21	154	764602	38.684	ng		97
46) 2-Chloronaphthalene	9.23	162	568289	38.913	ng	#	93
47) 2-Nitroaniline	9.33	65	236256	48.256	ng		94
48) Acenaphthylene	9.65	152	900153	39.250	ng		100
49) Dimethylphthalate	9.51	163	636499	40.174	ng		99
50) 2,6-Dinitrotoluene	9.57	165	138995	43.950	ng	#	62
51) Acenaphthene	9.82	154	540178	37.346	ng		99
52) 3-Nitroaniline	9.75	138	186296	45.658	ng		94
53) 2,4-Dinitrophenol	9.85	184	66479	48.730	ng	#	75
54) Dibenzofuran	9.99	168	740157	38.182	ng		99
55) 4-Nitrophenol	9.90	139	134207	41.232	ng	#	37
56) 2,4-Dinitrotoluene	9.98	165	179106	45.128	ng	#	61
57) Fluorene	10.33	166	590444	39.396	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.11	232	137112	39.972	ng		94
59) Diethylphthalate	10.21	149	625086	37.728	ng		98
60) 4-Chlorophenyl-phenylether	10.32	204	273759	39.318	ng		90
61) 4-Nitroaniline	10.36	138	182904	47.164	ng	#	72
62) Azobenzene	10.49	77	739781	37.589	ng		94
64) 4,6-Dinitro-2-methylphenol	10.39	198	96764	49.381	ng	#	74
65) n-Nitrosodiphenylamine	10.45	169	544428	38.673	ng		98
66) 4-Bromophenyl-phenylether	10.82	248	169347	39.448	ng		91
67) Hexachlorobenzene	10.88	284	170672	39.005	ng	#	87
68) Atrazine	10.97	200	135832	36.383	ng		97
69) Pentachlorophenol	11.07	266	90977	35.660	ng		98
70) Phenanthrene	11.29	178	854993	38.812	ng		100
71) Anthracene	11.35	178	868426	38.867	ng		99
72) Carbazole	11.50	167	847362	39.953	ng		99
73) Di-n-butylphthalate	11.83	149	960418	39.314	ng		99
74) Fluoranthene	12.48	202	915473	39.815	ng		99
76) Benzidine	12.60	184	317926	30.227	ng	#	93
77) Pyrene	12.70	202	963519	36.724	ng		99
79) Butylbenzylphthalate	13.33	149	406724	40.433	ng	#	79
80) Benzo(a)anthracene	13.89	228	708060	36.828	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	267594	41.246	ng	#	96
82) Chrysene	13.93	228	719278	37.608	ng		100
83) Bis(2-ethylhexyl)phthalate	13.89	149	485631	43.567	ng	#	99
84) Di-n-octyl phthalate	14.49	149	814995	42.021	ng		98
85) Indeno(1,2,3-cd)pyrene	16.72	276	474664	33.737	ng		94
87) Benzo(b)fluoranthene	14.92	252	602756	43.208	ng		99
88) Benzo(k)fluoranthene	14.94	252	485621	37.053	ng	#	94
89) Benzo(a)pyrene	15.26	252	491549	39.803	ng		99
90) Dibenzo(a,h)anthracene	16.73	278	407700	40.551	ng		98
91) Benzo(g,h,i)perylene	17.13	276	428410	40.837	ng	#	92

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

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