Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081817\
Data File : BF097864.D
Acq On : 19 Aug 2017 6:29
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 19 06:58:38 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF081517.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 15 13:25:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	109136	20.00	ng		-0.01
21) Naphthalene-d8	8.06	136	437128	20.00	ng		-0.01
38) Acenaphthene-d10	9.81	164	190821	20.00	ng		-0.01
63) Phenanthrene-d10	11.29	188	357852	20.00	ng		-0.01
75) Chrysene-d12	13.93	240	281909	20.00	ng		0.00
86) Perylene-d12	15.36	264	251814	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	593304	82.69	ng		-0.01
7) Phenol-d6	6.41	99	812497	83.34	ng		0.00
23) Nitrobenzene-d5	7.34	82	735819	91.44	ng		-0.01
41) 2,4,6-Tribromophenol	10.60	330	139347	84.16	ng		-0.01
44) 2-Fluorobiphenyl	9.13	172	1030180	79.32	ng		-0.01
78) Terphenyl-d14	12.88	244	985527	72.90	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.42	88	159936	39.970	ng		90
3) Pyridine	3.13	79	471027	42.581	ng		88
4) n-Nitrosodimethylamine	3.09	42	176757	41.528	ng		83
6) Aniline	6.43	93	560450	40.924	ng		99
8) 2-Chlorophenol	6.56	128	320275	42.327	ng		94
9) Benzaldehyde	6.32	77	254915	41.283	ng		87
10) Phenol	6.42	94	480323	42.128	ng		97
11) bis(2-Chloroethyl)ether	6.52	93	353472	41.075	ng		95
12) 1,3-Dichlorobenzene	6.72	146	336062	41.290	ng	#	93
13) 1,4-Dichlorobenzene	6.79	146	334125	40.364	ng	#	93
14) 1,2-Dichlorobenzene	6.95	146	313472	41.069	ng		99
15) Benzyl Alcohol	6.92	79	310970	42.606	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.06	45	457294	39.495	ng		91
17) 2-Methylphenol	7.03	107	277423	41.604	ng		94
18) Hexachloroethane	7.29	117	96837	29.838	ng	#	80
19) n-Nitroso-di-n-propylamine	7.19	70	260179	38.987	ng		90
20) 3+4-Methylphenols	7.19	107	325593	39.977	ng	#	85
22) Acetophenone	7.19	105	446196	38.639	ng	#	90
24) Nitrobenzene	7.36	77	409635	45.721	ng		91
25) Isophorone	7.60	82	675554	40.376	ng		96
26) 2-Nitrophenol	7.67	139	149880	46.375	ng	#	76
27) 2,4-Dimethylphenol	7.72	122	282653	40.506	ng		94
28) bis(2-Chloroethoxy)methane	7.81	93	448890	40.808	ng		98
29) 2,4-Dichlorophenol	7.92	162	244349	42.184	ng		93
30) 1,2,4-Trichlorobenzene	8.00	180	259681	40.440	ng		98
31) Naphthalene	8.08	128	910801	40.135	ng		100
32) Benzoic acid	7.83	122	187038	38.284	ng		88
33) 4-Chloroaniline	8.13	127	393296	41.094	ng		99
34) Hexachlorobutadiene	8.20	225	152678	40.723	ng		98
35) Caprolactam	8.50	113	88756	45.072	ng		98
36) 4-Chloro-3-methylphenol	8.61	107	309968	41.650	ng	#	78
37) 2-Methylnaphthalene	8.77	142	567159	40.764	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.94	216	249473	42.600	ng		99
40) Hexachlorocyclopentadiene	8.92	237	12782	4.543	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.05	196	169270	43.052	ng		97
43) 2,4,5-Trichlorophenol	9.09	196	171566	43.985	ng		96
45) 1,1'-Biphenyl	9.24	154	709489	40.773	ng		97
46) 2-Chloronaphthalene	9.26	162	526482	40.948	ng	#	93
47) 2-Nitroaniline	9.36	65	221371	51.359	ng		96
48) Acenaphthylene	9.67	152	830822	41.149	ng		99
49) Dimethylphthalate	9.54	163	590082	42.304	ng		99
50) 2,6-Dinitrotoluene	9.60	165	126412	45.403	ng	#	59
51) Acenaphthene	9.85	154	501644	39.395	ng		98
52) 3-Nitroaniline	9.77	138	170764	47.537	ng		90
53) 2,4-Dinitrophenol	9.87	184	14684	19.823	ng	#	78
54) Dibenzofuran	10.02	168	694762	40.710	ng		98
55) 4-Nitrophenol	9.92	139	121652	42.453	ng	#	32
56) 2,4-Dinitrotoluene	10.00	165	168170	48.129	ng	#	48
57) Fluorene	10.36	166	543539	41.194	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.13	232	125237	41.470	ng		96
59) Diethylphthalate	10.24	149	608325	41.705	ng		99
60) 4-Chlorophenyl-phenylether	10.35	204	252946	41.265	ng		90
61) 4-Nitroaniline	10.38	138	166819	48.861	ng	#	73
62) Azobenzene	10.52	77	708218	40.875	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	26668	21.394	ng		84
65) n-Nitrosodiphenylamine	10.47	169	512970	42.095	ng		98
66) 4-Bromophenyl-phenylether	10.84	248	156917	42.227	ng		93
67) Hexachlorobenzene	10.90	284	157945	41.700	ng	#	79
68) Atrazine	11.00	200	122160	37.800	ng		98
69) Pentachlorophenol	11.10	266	85758	38.832	ng		98
70) Phenanthrene	11.32	178	765086	40.122	ng		99
71) Anthracene	11.37	178	795028	41.106	ng		100
72) Carbazole	11.53	167	744086	40.530	ng		99
73) Di-n-butylphthalate	11.86	149	951895	45.014	ng		99
74) Fluoranthene	12.50	202	801996	40.294	ng		99
76) Benzidine	12.63	184	332465	35.969	ng	#	93
77) Pyrene	12.73	202	823904	35.733	ng		99
79) Butylbenzylphthalate	13.36	149	382674	43.289	ng	#	72
80) Benzo(a)anthracene	13.92	228	644626	38.153	ng		99
81) 3,3'-Dichlorobenzidine	13.89	252	265761	46.613	ng	#	95
82) Chrysene	13.96	228	659426	39.234	ng		99
83) Bis(2-ethylhexyl)phthalate	13.92	149	471388	48.121	ng		100
84) Di-n-octyl phthalate	14.53	149	916721	53.785	ng		100
85) Indeno(1,2,3-cd)pyrene	16.76	276	509013	41.168	ng		94
87) Benzo(b)fluoranthene	14.95	252	646339	40.720	ng		98
88) Benzo(k)fluoranthene	14.98	252	609594	40.878	ng	#	93
89) Benzo(a)pyrene	15.30	252	585419	41.662	ng		99
90) Dibenzo(a,h)anthracene	16.77	278	450446	39.376	ng		97
91) Benzo(g,h,i)perylene	17.18	276	421712	35.330	ng	#	92

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

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