Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF081917\
Data File : BF097872.D
Acq On : 19 Aug 2017 12:09
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/21/2017 5:19:43 PM

Quant Time: Aug 21 03:57:53 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	6.76	152	153860	20.00	ng		-0.02
21) Naphthalene-d8	8.05	136	630284	20.00	ng		-0.02
38) Acenaphthene-d10	9.80	164	282639	20.00	ng		-0.02
63) Phenanthrene-d10	11.28	188	545016	20.00	ng		-0.02
75) Chrysene-d12	13.92	240	374638	20.00	ng		-0.02
86) Perylene-d12	15.33	264	294414	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	806526	79.73	ng		-0.02
7) Phenol-d6	6.40	99	1117525	81.31	ng		0.00
23) Nitrobenzene-d5	7.33	82	1044130	89.99	ng		-0.02
41) 2,4,6-Tribromophenol	10.59	330	218708	89.18	ng		-0.02
44) 2-Fluorobiphenyl	9.13	172	1437663	74.73	ng		-0.02
78) Terphenyl-d14	12.87	244	1404214	78.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.46	88	229771	40.731	ng		89
3) Pyridine	3.17	79	649394	41.641	ng		86
4) n-Nitrosodimethylamine	3.14	42	247149	41.187	ng		81
6) Aniline	6.43	93	779903	40.395	ng		97
8) 2-Chlorophenol	6.55	128	441856	41.420	ng		98
9) Benzaldehyde	6.31	77	330803	38.000	ng		87
10) Phenol	6.42	94	655249	40.765	ng		97
11) bis(2-Chloroethyl)ether	6.50	93	506424	41.743	ng		98
12) 1,3-Dichlorobenzene	6.70	146	465872	40.600	ng	#	92
13) 1,4-Dichlorobenzene	6.78	146	470683	40.332	ng	#	93
14) 1,2-Dichlorobenzene	6.94	146	428769	39.846	ng		99
15) Benzyl Alcohol	6.91	79	417953	40.618	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.05	45	666654	40.841	ng		90
17) 2-Methylphenol	7.02	107	391320	41.627	ng		96
18) Hexachloroethane	7.27	117	193760	42.348	ng	#	79
19) n-Nitroso-di-n-propylamine	7.19	70	380483	40.441	ng		91
20) 3+4-Methylphenols	7.18	107	439696	38.294	ng	#	86
22) Acetophenone	7.18	105	615380	36.958	ng	#	91
24) Nitrobenzene	7.35	77	570397	44.154	ng		92
25) Isophorone	7.59	82	1016617	42.139	ng		96
26) 2-Nitrophenol	7.66	139	226423m	48.337	ng		
27) 2,4-Dimethylphenol	7.70	122	404621	40.215	ng		93
28) bis(2-Chloroethoxy)methane	7.80	93	657752	41.471	ng		99
29) 2,4-Dichlorophenol	7.90	162	352260	42.177	ng		92
30) 1,2,4-Trichlorobenzene	7.99	180	375741	40.582	ng		99
31) Naphthalene	8.07	128	1278839	39.083	ng		99
32) Benzoic acid	7.85	122	341684m	46.795	ng		
33) 4-Chloroaniline	8.12	127	559242	40.525	ng		99
34) Hexachlorobutadiene	8.19	225	223625	41.367	ng		97
35) Caprolactam	8.51	113	124450	43.830	ng		98
36) 4-Chloro-3-methylphenol	8.60	107	441417	41.136	ng	#	82
37) 2-Methylnaphthalene	8.76	142	806660	40.210	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.93	216	347337	40.043	ng	#	98
40) Hexachlorocyclopentadiene	8.91	237	191067	45.851	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.04	196	248951	42.749	ng		98
43) 2,4,5-Trichlorophenol	9.07	196	256390	44.378	ng		94
45) 1,1'-Biphenyl	9.23	154	1000383	38.814	ng		97
46) 2-Chloronaphthalene	9.25	162	756034	39.700	ng	#	92
47) 2-Nitroaniline	9.34	65	308925	48.388	ng		95
48) Acenaphthylene	9.66	152	1174796	39.284	ng		100
49) Dimethylphthalate	9.53	163	876272	42.414	ng		99
50) 2,6-Dinitrotoluene	9.59	165	190187	46.118	ng	#	69
51) Acenaphthene	9.83	154	774350	41.056	ng		99
52) 3-Nitroaniline	9.76	138	244282	45.912	ng		84
53) 2,4-Dinitrophenol	9.86	184	97943	53.740	ng	#	75
54) Dibenzofuran	10.00	168	993575	39.306	ng		98
55) 4-Nitrophenol	9.92	139	184867	43.556	ng	#	40
56) 2,4-Dinitrotoluene	9.99	165	243228	46.997	ng	#	61
57) Fluorene	10.35	166	753251	38.542	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.12	232	196788	43.994	ng		94
59) Diethylphthalate	10.23	149	900431	41.677	ng		100
60) 4-Chlorophenyl-phenylether	10.34	204	362539	39.930	ng		89
61) 4-Nitroaniline	10.37	138	234269m	46.326	ng		
62) Azobenzene	10.50	77	1033152	40.258	ng		94
64) 4,6-Dinitro-2-methylphenol	10.40	198	131510	50.650	ng	#	83
65) n-Nitrosodiphenylamine	10.46	169	736989	39.710	ng		98
66) 4-Bromophenyl-phenylether	10.83	248	237323	41.932	ng		99
67) Hexachlorobenzene	10.89	284	238700	41.379	ng	#	86
68) Atrazine	10.99	200	191557	38.919	ng		97
69) Pentachlorophenol	11.09	266	149864	44.556	ng		96
70) Phenanthrene	11.30	178	1107237	38.125	ng		99
71) Anthracene	11.36	178	1154429	39.191	ng		100
72) Carbazole	11.51	167	1093475	39.107	ng		99
73) Di-n-butylphthalate	11.84	149	1389842	43.154	ng		99
74) Fluoranthene	12.49	202	1178959	38.892	ng		98
76) Benzidine	12.61	184	427343	34.790	ng	#	93
77) Pyrene	12.72	202	1218845	39.778	ng		99
79) Butylbenzylphthalate	13.34	149	549106	46.741	ng	#	69
80) Benzo(a)anthracene	13.90	228	847268	37.734	ng		98
81) 3,3'-Dichlorobenzidine	13.87	252	327691	43.249	ng	#	97
82) Chrysene	13.94	228	858475	38.434	ng		99
83) Bis(2-ethylhexyl)phthalate	13.90	149	617481	47.433	ng	#	99
84) Di-n-octyl phthalate	14.51	149	1157385	51.097	ng		99
85) Indeno(1,2,3-cd)pyrene	16.72	276	677588	41.238	ng		94
87) Benzo(b)fluoranthene	14.93	252	743889	40.085	ng		98
88) Benzo(k)fluoranthene	14.96	252	709441	40.690	ng	#	94
89) Benzo(a)pyrene	15.27	252	682642	41.552	ng		99
90) Dibenzo(a,h)anthracene	16.74	278	574695	42.968	ng		99
91) Benzo(g,h,i)perylene	17.14	276	592659	42.467	ng	#	93

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

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