Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF082117\
Data File : BF097909.D
Acq On : 21 Aug 2017 17:02
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
8/22/2017 5:43:58 PM

Quant Time: Aug 22 04:59:30 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	136902	20.00	ng		0.00
21) Naphthalene-d8	8.03	136	555033	20.00	ng		0.00
38) Acenaphthene-d10	9.79	164	249834	20.00	ng		0.00
63) Phenanthrene-d10	11.27	188	484028	20.00	ng		0.00
75) Chrysene-d12	13.90	240	382682	20.00	ng		0.00
86) Perylene-d12	15.32	264	289392	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	705799	78.42	ng		0.00
7) Phenol-d6	6.39	99	985395	80.58	ng		0.00
23) Nitrobenzene-d5	7.32	82	900195	88.11	ng		0.00
41) 2,4,6-Tribromophenol	10.57	330	184710	85.21	ng		0.00
44) 2-Fluorobiphenyl	9.12	172	1247587	73.37	ng		0.00
78) Terphenyl-d14	12.85	244	1252724	68.26	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.43	88	198009	39.449	ng		91
3) Pyridine	3.15	79	559907	40.350	ng		88
4) n-Nitrosodimethylamine	3.10	42	211344	39.583	ng		80
6) Aniline	6.42	93	670803	39.048	ng		99
8) 2-Chlorophenol	6.54	128	384821	40.542	ng		99
9) Benzaldehyde	6.30	77	295206	38.112	ng		88
10) Phenol	6.40	94	581020	40.624	ng		93
11) bis(2-Chloroethyl)ether	6.49	93	435950	40.385	ng		96
12) 1,3-Dichlorobenzene	6.69	146	403207	39.492	ng	#	93
13) 1,4-Dichlorobenzene	6.77	146	408152	39.306	ng	#	94
14) 1,2-Dichlorobenzene	6.92	146	375514	39.220	ng		99
15) Benzyl Alcohol	6.90	79	359027	39.214	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.03	45	564303	38.853	ng		91
17) 2-Methylphenol	7.01	107	336967	40.285	ng		96
18) Hexachloroethane	7.26	117	163644	40.196	ng	#	82
19) n-Nitroso-di-n-propylamine	7.17	70	320667	38.305	ng		90
20) 3+4-Methylphenols	7.16	107	391921	38.362	ng		94
22) Acetophenone	7.17	105	536867	36.615	ng	#	88
24) Nitrobenzene	7.34	77	497553	43.737	ng		95
25) Isophorone	7.58	82	847855	39.909	ng		96
26) 2-Nitrophenol	7.65	139	196673	47.750	ng	#	76
27) 2,4-Dimethylphenol	7.69	122	352382	39.771	ng		95
28) bis(2-Chloroethoxy)methane	7.79	93	550790	39.435	ng		98
29) 2,4-Dichlorophenol	7.89	162	300914	40.914	ng		92
30) 1,2,4-Trichlorobenzene	7.97	180	319491	39.185	ng		98
31) Naphthalene	8.06	128	1117952	38.798	ng		100
32) Benzoic acid	7.83	122	269486m	42.579	ng		
33) 4-Chloroaniline	8.11	127	483314	39.772	ng		98
34) Hexachlorobutadiene	8.17	225	185219	38.908	ng		99
35) Caprolactam	8.49	113	111186m	44.468	ng		
36) 4-Chloro-3-methylphenol	8.59	107	385743	40.821	ng	#	79
37) 2-Methylnaphthalene	8.75	142	694744	39.327	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.92	216	302955	39.512	ng		98
40) Hexachlorocyclopentadiene	8.90	237	151380	41.097	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.03	196	212134	41.210	ng		97
43) 2,4,5-Trichlorophenol	9.06	196	216712	42.436	ng		94
45) 1,1'-Biphenyl	9.22	154	880052	38.628	ng		97
46) 2-Chloronaphthalene	9.24	162	645685	38.357	ng	#	93
47) 2-Nitroaniline	9.33	65	271225	48.062	ng		95
48) Acenaphthylene	9.65	152	1031945	39.038	ng		100
49) Dimethylphthalate	9.52	163	736522	40.331	ng		100
50) 2,6-Dinitrotoluene	9.57	165	161919	44.419	ng	#	50
51) Acenaphthene	9.82	154	626745	37.593	ng		99
52) 3-Nitroaniline	9.75	138	210523	44.762	ng		85
53) 2,4-Dinitrophenol	9.85	184	81712	51.291	ng	#	73
54) Dibenzofuran	9.99	168	871847	39.019	ng		99
55) 4-Nitrophenol	9.90	139	161379	43.014	ng	#	36
56) 2,4-Dinitrotoluene	9.98	165	208597	45.598	ng	#	57
57) Fluorene	10.34	166	664241	38.450	ng		96
58) 2,3,4,6-Tetrachlorophenol	10.11	232	168714	42.671	ng		94
59) Diethylphthalate	10.22	149	751680	39.360	ng		99
60) 4-Chlorophenyl-phenylether	10.33	204	308891	38.488	ng		89
61) 4-Nitroaniline	10.36	138	204865m	45.831	ng		
62) Azobenzene	10.49	77	880563	38.817	ng		94
64) 4,6-Dinitro-2-methylphenol	10.39	198	110832	48.489	ng		84
65) n-Nitrosodiphenylamine	10.45	169	632516	38.375	ng		99
66) 4-Bromophenyl-phenylether	10.82	248	196450	39.084	ng		98
67) Hexachlorobenzene	10.88	284	199137	38.870	ng	#	83
68) Atrazine	10.98	200	170201	38.937	ng		99
69) Pentachlorophenol	11.07	266	125842	42.129	ng		97
70) Phenanthrene	11.29	178	978798	37.949	ng		100
71) Anthracene	11.35	178	1005763	38.446	ng		99
72) Carbazole	11.50	167	972892	39.179	ng		99
73) Di-n-butylphthalate	11.83	149	1169286	40.880	ng		99
74) Fluoranthene	12.48	202	1066362	39.610	ng		98
76) Benzidine	12.60	184	439557	35.032	ng		95
77) Pyrene	12.70	202	1102212	35.216	ng		100
79) Butylbenzylphthalate	13.33	149	495503	41.292	ng	#	68
80) Benzo(a)anthracene	13.89	228	812563	35.428	ng		99
81) 3,3'-Dichlorobenzidine	13.86	252	318035	41.093	ng	#	96
82) Chrysene	13.93	228	832777	36.500	ng		99
83) Bis(2-ethylhexyl)phthalate	13.89	149	567881	42.706	ng		98
84) Di-n-octyl phthalate	14.50	149	1088650	47.052	ng		99
85) Indeno(1,2,3-cd)pyrene	16.70	276	553725	32.991	ng		94
87) Benzo(b)fluoranthene	14.92	252	722162	39.589	ng		99
88) Benzo(k)fluoranthene	14.94	252	679179	39.631	ng	#	93
89) Benzo(a)pyrene	15.26	252	634797	39.310	ng		98
90) Dibenzo(a,h)anthracene	16.72	278	470441	35.784	ng		99
91) Benzo(g,h,i)perylene	17.12	276	481721	35.117	ng		93

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

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