Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF112217\
Data File : BF100813.D
Acq On : 22 Nov 2017 9:10
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
11/27/2017 3:19:20 PM

Quant Time: Nov 22 17:33:11 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110817.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Nov 17 15:22:08 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	79963	20.00	ng		0.00
21) Naphthalene-d8	8.16	136	315400	20.00	ng		-0.01
38) Acenaphthene-d10	9.92	164	148773	20.00	ng		0.00
63) Phenanthrene-d10	11.40	188	301057	20.00	ng		0.00
75) Chrysene-d12	14.04	240	247308	20.00	ng		0.00
86) Perylene-d12	15.51	264	219605	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.49	112	389210	78.02	ng		0.00
7) Phenol-d6	6.50	99	474574	77.15	ng		0.00
23) Nitrobenzene-d5	7.44	82	428654	89.85	ng		-0.01
41) 2,4,6-Tribromophenol	10.70	330	143700	94.79	ng		0.00
44) 2-Fluorobiphenyl	9.23	172	869090	88.95	ng		0.00
78) Terphenyl-d14	12.99	244	895554	83.20	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.66	88	86251	35.480	ng		97
3) Pyridine	3.43	79	238179	35.912	ng		93
4) n-Nitrosodimethylamine	3.39	42	106108	32.952	ng		98
6) Aniline	6.54	93	312455	35.954	ng		99
8) 2-Chlorophenol	6.66	128	214742	40.692	ng		98
9) Benzaldehyde	6.43	77	145966	33.227	ng		97
10) Phenol	6.52	94	261729	40.530	ng		99
11) bis(2-Chloroethyl)ether	6.61	93	200924	37.043	ng		96
12) 1,3-Dichlorobenzene	6.82	146	250157	41.116	ng		95
13) 1,4-Dichlorobenzene	6.89	146	251253	40.801	ng		97
14) 1,2-Dichlorobenzene	7.05	146	237294	41.677	ng		97
15) Benzyl Alcohol	7.02	79	184638	38.460	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.15	45	301298	34.731	ng		98
17) 2-Methylphenol	7.12	107	176466	39.130	ng		97
18) Hexachloroethane	7.39	117	82190	40.480	ng		91
19) n-Nitroso-di-n-propylamine	7.29	70	156038	36.577	ng		94
20) 3+4-Methylphenols	7.27	107	219859	38.526	ng		93
22) Acetophenone	7.29	105	303166	39.419	ng	#	99
24) Nitrobenzene	7.46	77	216847	44.163	ng		99
25) Isophorone	7.70	82	372838	37.191	ng		97
26) 2-Nitrophenol	7.77	139	118645	51.140	ng		87
27) 2,4-Dimethylphenol	7.80	122	182474	40.604	ng		98
28) bis(2-Chloroethoxy)methane	7.90	93	252784	38.549	ng		99
29) 2,4-Dichlorophenol	8.01	162	184611	43.031	ng		98
30) 1,2,4-Trichlorobenzene	8.10	180	202728	43.685	ng		96
31) Naphthalene	8.18	128	628576	41.377	ng		99
32) Benzoic acid	7.93	122	119990	37.431	ng		96
33) 4-Chloroaniline	8.23	127	260657	41.221	ng		97
34) Hexachlorobutadiene	8.29	225	120539	43.686	ng		99
35) Caprolactam	8.61	113	55966	38.012	ng		95
36) 4-Chloro-3-methylphenol	8.70	107	188346	40.877	ng		98
37) 2-Methylnaphthalene	8.87	142	420955	41.738	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.03	216	222274	45.049	ng	#	96
40) Hexachlorocyclopentadiene	9.02	237	88807	38.242	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.15	196	136652	43.699	ng		98
43) 2,4,5-Trichlorophenol	9.19	196	149216	46.055	ng	#	91
45) 1,1'-Biphenyl	9.33	154	551671	42.874	ng		98
46) 2-Chloronaphthalene	9.36	162	406127	43.507	ng		95
47) 2-Nitroaniline	9.46	65	119919	43.738	ng		96
48) Acenaphthylene	9.77	152	660120	42.671	ng		99
49) Dimethylphthalate	9.63	163	490889	43.216	ng		99
50) 2,6-Dinitrotoluene	9.70	165	104993	46.696	ng		89
51) Acenaphthene	9.95	154	390556	41.511	ng		99
52) 3-Nitroaniline	9.87	138	117487	44.250	ng		96
53) 2,4-Dinitrophenol	9.97	184	47782	57.111	ng	#	12
54) Dibenzofuran	10.12	168	562184	42.633	ng		97
55) 4-Nitrophenol	10.02	139	86485	40.116	ng		92
56) 2,4-Dinitrotoluene	10.10	165	138709	48.901	ng	#	86
57) Fluorene	10.46	166	438803	45.424	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.23	232	113503	42.745	ng	#	85
59) Diethylphthalate	10.33	149	476413	41.911	ng		96
60) 4-Chlorophenyl-phenylether	10.45	204	220324	46.493	ng		90
61) 4-Nitroaniline	10.49	138	119465	47.452	ng		86
62) Azobenzene	10.61	77	407652	38.077	ng		97
64) 4,6-Dinitro-2-methylphenol	10.52	198	82836	53.335	ng	#	67
65) n-Nitrosodiphenylamine	10.57	169	430940	41.167	ng		96
66) 4-Bromophenyl-phenylether	10.94	248	137750	42.683	ng		91
67) Hexachlorobenzene	11.01	284	145276	43.040	ng	#	87
68) Atrazine	11.10	200	133319	42.074	ng		98
69) Pentachlorophenol	11.20	266	90824	37.526	ng		97
70) Phenanthrene	11.43	178	657815	41.500	ng		99
71) Anthracene	11.48	178	661370	41.125	ng		99
72) Carbazole	11.63	167	604777	40.757	ng		98
73) Di-n-butylphthalate	11.95	149	763717	43.981	ng		99
74) Fluoranthene	12.62	202	704648	41.945	ng		95
76) Benzidine	12.73	184	350243	35.363	ng		99
77) Pyrene	12.85	202	713043	40.447	ng		99
79) Butylbenzylphthalate	13.45	149	319268	44.408	ng		94
80) Benzo(a)anthracene	14.03	228	641490	43.074	ng		98
81) 3,3'-Dichlorobenzidine	13.99	252	221169	41.449	ng	#	97
82) Chrysene	14.07	228	581301	40.308	ng		99
83) Bis(2-ethylhexyl)phthalate	14.00	149	445484	47.112	ng		99
84) Di-n-octyl phthalate	14.62	149	734905	45.241	ng		99
85) Indeno(1,2,3-cd)pyrene	17.00	276	463232	39.711	ng		94
87) Benzo(b)fluoranthene	15.08	252	566205	43.519	ng		98
88) Benzo(k)fluoranthene	15.12	252	496412m	40.382	ng		
89) Benzo(a)pyrene	15.46	252	480328	41.644	ng		98
90) Dibenzo(a,h)anthracene	17.02	278	390524	41.401	ng		98
91) Benzo(g,h,i)perylene	17.45	276	375735	40.692	ng		94

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

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