Quantitation Report (QT Reviewed)

Data Path : Z:\HPCHEM1\BNA F\DATA\BF010918\
Data File : BF101953.D
Acq On : 9 Jan 2018 15:35
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/10/2018 11:44:55 AM

Quant Time: Jan 10 02:57:37 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 09 15:20:36 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	217009	20.00	ng		0.00
21) Naphthalene-d8	8.01	136	922481	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	399090	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	675324	20.00	ng		0.00
75) Chrysene-d12	13.88	240	432598	20.00	ng		0.00
86) Perylene-d12	15.29	264	354446	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	1147239	74.65	ng		0.00
7) Phenol-d6	6.35	99	1372474	74.85	ng		0.00
23) Nitrobenzene-d5	7.29	82	1225231	78.05	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	273065	78.40	ng		0.00
44) 2-Fluorobiphenyl	9.09	172	1992048	77.98	ng		0.00
78) Terphenyl-d14	12.83	244	1588054	76.22	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.39	88	290631	37.895	ng		94
3) Pyridine	3.09	79	802096	38.297	ng		95
4) n-Nitrosodimethylamine	3.05	42	335613	38.265	ng		94
6) Aniline	6.39	93	983945	38.078	ng		98
8) 2-Chlorophenol	6.51	128	592298	38.428	ng		97
9) Benzaldehyde	6.27	77	483399	37.970	ng		99
10) Phenol	6.36	94	795796m	38.405	ng		
11) bis(2-Chloroethyl)ether	6.47	93	598911	37.974	ng		99
12) 1,3-Dichlorobenzene	6.66	146	676886	38.097	ng		98
13) 1,4-Dichlorobenzene	6.75	146	680641	38.390	ng		98
14) 1,2-Dichlorobenzene	6.90	146	624438	38.052	ng		98
15) Benzyl Alcohol	6.87	79	513853	38.312	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	1102318	37.914	ng		97
17) 2-Methylphenol	6.97	107	521018	37.472	ng		97
18) Hexachloroethane	7.24	117	244173	39.110	ng		96
19) n-Nitroso-di-n-propylamine	7.15	70	449083	37.374	ng		92
20) 3+4-Methylphenols	7.13	107	621177	37.208	ng	#	81
22) Acetophenone	7.14	105	806649	36.292	ng	#	93
24) Nitrobenzene	7.31	77	655826	38.879	ng		97
25) Isophorone	7.55	82	1148022	37.012	ng		99
26) 2-Nitrophenol	7.63	139	291153	41.239	ng		96
27) 2,4-Dimethylphenol	7.66	122	498354	37.795	ng		97
28) bis(2-Chloroethoxy)methane	7.76	93	706906	37.745	ng		98
29) 2,4-Dichlorophenol	7.86	162	477015	38.100	ng		98
30) 1,2,4-Trichlorobenzene	7.95	180	494625	37.769	ng		99
31) Naphthalene	8.03	128	1730264	37.537	ng		100
32) Benzoic acid	7.78	122	448012m	44.808	ng		
33) 4-Chloroaniline	8.08	127	727351	36.970	ng		98
34) Hexachlorobutadiene	8.15	225	264628	38.175	ng		98
35) Caprolactam	8.46	113	162245	37.748	ng	#	89
36) 4-Chloro-3-methylphenol	8.56	107	511633	37.332	ng		99
37) 2-Methylnaphthalene	8.72	142	1121458	36.956	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.89	216	431986	38.261	ng		98
40) Hexachlorocyclopentadiene	8.87	237	252345	40.868	ng		97

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.00	196	304218	39.100	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	348652	39.648	ng		98
45) 1,1'-Biphenyl	9.19	154	1338457	37.943	ng		98
46) 2-Chloronaphthalene	9.21	162	1046134	38.244	ng		99
47) 2-Nitroaniline	9.30	65	349467	42.649	ng		91
48) Acenaphthylene	9.63	152	1639830	37.774	ng		99
49) Dimethylphthalate	9.49	163	1202674	37.566	ng		99
50) 2,6-Dinitrotoluene	9.55	165	267911	41.893	ng		93
51) Acenaphthene	9.80	154	1000181	37.959	ng		100
52) 3-Nitroaniline	9.72	138	324473	40.202	ng		94
53) 2,4-Dinitrophenol	9.82	184	87554	40.606	ng	#	19
54) Dibenzofuran	9.97	168	1360156	37.613	ng		98
55) 4-Nitrophenol	9.87	139	252952	42.055	ng		93
56) 2,4-Dinitrotoluene	9.95	165	336675	42.003	ng		98
57) Fluorene	10.31	166	980285	39.214	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	243503	38.895	ng		98
59) Diethylphthalate	10.19	149	1210858	38.022	ng		98
60) 4-Chlorophenyl-phenylether	10.30	204	419613	39.420	ng		95
61) 4-Nitroaniline	10.33	138	315002	41.125	ng		95
62) Azobenzene	10.46	77	1198286	37.819	ng		97
64) 4,6-Dinitro-2-methylphenol	10.36	198	147862	41.221	ng		89
65) n-Nitrosodiphenylamine	10.43	169	955622	37.789	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	271400	38.055	ng		98
67) Hexachlorobenzene	10.85	284	295893	38.005	ng		98
68) Atrazine	10.95	200	281476	38.515	ng		98
69) Pentachlorophenol	11.04	266	196548	41.399	ng		98
70) Phenanthrene	11.27	178	1468301	37.221	ng		99
71) Anthracene	11.32	178	1498993	37.468	ng		100
72) Carbazole	11.47	167	1473106	37.461	ng		99
73) Di-n-butylphthalate	11.82	149	1821418	37.754	ng		99
74) Fluoranthene	12.45	202	1461723	37.662	ng		99
76) Benzidine	12.58	184	808654	38.711	ng		95
77) Pyrene	12.68	202	1501730	39.272	ng		100
79) Butylbenzylphthalate	13.31	149	711613	40.551	ng		98
80) Benzo(a)anthracene	13.86	228	1070179	38.773	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	397456	38.891	ng	#	97
82) Chrysene	13.90	228	1098907	38.183	ng		99
83) Bis(2-ethylhexyl)phthalate	13.87	149	821740	40.819	ng	#	99
84) Di-n-octyl phthalate	14.48	149	1343300	40.211	ng		97
85) Indeno(1,2,3-cd)pyrene	16.66	276	785840	37.515	ng		94
87) Benzo(b)fluoranthene	14.89	252	862045	37.300	ng	#	96
88) Benzo(k)fluoranthene	14.92	252	904749	40.582	ng		98
89) Benzo(a)pyrene	15.23	252	815556	39.216	ng	#	97
90) Dibenzo(a,h)anthracene	16.69	278	648803	39.093	ng		96
91) Benzo(g,h,i)perylene	17.07	276	657715	39.342	ng		94

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

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