Quantitation Report (QT Reviewed)

Data Path : U:\HPCHEM1\BNA F\DATA\BF011618\
Data File : BF102140.D
Acq On : 17 Jan 2018 5:49
Operator : SJ/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/17/2018 1:09:03 PM

Quant Time: Jan 17 12:57:30 2018
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF010918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 11 12:53:54 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	128290	20.00	ng		0.00
21) Naphthalene-d8	8.00	136	520014	20.00	ng		0.00
38) Acenaphthene-d10	9.76	164	221196	20.00	ng		0.00
63) Phenanthrene-d10	11.24	188	333529	20.00	ng		0.00
75) Chrysene-d12	13.87	240	225466	20.00	ng		-0.01
86) Perylene-d12	15.28	264	237763	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	674236	74.21	ng		0.00
7) Phenol-d6	6.36	99	788801	72.77	ng		0.00
23) Nitrobenzene-d5	7.29	82	718298	81.17	ng		0.00
41) 2,4,6-Tribromophenol	10.55	330	159768	82.77	ng		0.00
44) 2-Fluorobiphenyl	9.08	172	1288057	90.97	ng		-0.01
78) Terphenyl-d14	12.82	244	778985	71.73	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.36	88	153551	33.867	ng		95
3) Pyridine	3.06	79	420674	33.975	ng		96
4) n-Nitrosodimethylamine	3.03	42	171648	33.105	ng		96
6) Aniline	6.39	93	530423	34.723	ng		100
8) 2-Chlorophenol	6.50	128	348527	38.250	ng		98
9) Benzaldehyde	6.27	77	240364	31.936	ng		96
10) Phenol	6.37	94	429267	35.042	ng		89
11) bis(2-Chloroethyl)ether	6.46	93	330710	35.469	ng		99
12) 1,3-Dichlorobenzene	6.66	146	412856	39.306	ng		98
13) 1,4-Dichlorobenzene	6.74	146	416966	39.782	ng		99
14) 1,2-Dichlorobenzene	6.89	146	387191	39.912	ng		99
15) Benzyl Alcohol	6.86	79	295709	37.295	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.00	45	550108	32.006	ng		99
17) 2-Methylphenol	6.98	107	302459	36.797	ng		99
18) Hexachloroethane	7.23	117	134758	36.511	ng		94
19) n-Nitroso-di-n-propylamine	7.14	70	246314	34.675	ng		95
20) 3+4-Methylphenols	7.13	107	364969	36.980	ng	#	68
22) Acetophenone	7.13	105	485137	38.720	ng	#	87
24) Nitrobenzene	7.31	77	369649	38.874	ng		97
25) Isophorone	7.55	82	623581	35.663	ng		99
26) 2-Nitrophenol	7.62	139	186906	46.962	ng		97
27) 2,4-Dimethylphenol	7.66	122	278867	37.518	ng		99
28) bis(2-Chloroethoxy)methane	7.76	93	378972	35.896	ng		99
29) 2,4-Dichlorophenol	7.86	162	282918	40.086	ng		99
30) 1,2,4-Trichlorobenzene	7.95	180	304761	41.282	ng		99
31) Naphthalene	8.03	128	1002188	38.569	ng		100
32) Benzoic acid	7.78	122	220416m	39.107	ng		
33) 4-Chloroaniline	8.08	127	419485	37.824	ng		97
34) Hexachlorobutadiene	8.14	225	168615	43.150	ng		99
35) Caprolactam	8.46	113	84432	34.847	ng		94
36) 4-Chloro-3-methylphenol	8.56	107	291249	37.699	ng		99
37) 2-Methylnaphthalene	8.72	142	664481	38.845	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.88	216	273443	43.696	ng		98
40) Hexachlorocyclopentadiene	8.86	237	62698	18.320	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.99	196	181261	42.033	ng		98
43) 2,4,5-Trichlorophenol	9.03	196	201277	41.297	ng		99
45) 1,1'-Biphenyl	9.18	154	797099	40.769	ng		99
46) 2-Chloronaphthalene	9.20	162	609203	40.182	ng		99
47) 2-Nitroaniline	9.30	65	194482	42.823	ng		97
48) Acenaphthylene	9.62	152	930262	38.663	ng		99
49) Dimethylphthalate	9.49	163	725330	40.876	ng		99
50) 2,6-Dinitrotoluene	9.55	165	152639	43.064	ng		98
51) Acenaphthene	9.79	154	540915	37.039	ng		99
52) 3-Nitroaniline	9.72	138	176425	39.439	ng		91
53) 2,4-Dinitrophenol	9.82	184	19620	21.575	ng	#	23
54) Dibenzofuran	9.96	168	767818	38.309	ng		98
55) 4-Nitrophenol	9.87	139	113531	34.056	ng		95
56) 2,4-Dinitrotoluene	9.95	165	191687	43.147	ng	#	98
57) Fluorene	10.30	166	580763	41.916	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.08	232	131191	37.808	ng		99
59) Diethylphthalate	10.18	149	696178	39.441	ng		99
60) 4-Chlorophenyl-phenylether	10.30	204	256843	43.534	ng		98
61) 4-Nitroaniline	10.33	138	163148	38.430	ng		91
62) Azobenzene	10.46	77	604713	34.434	ng		97
64) 4,6-Dinitro-2-methylphenol	10.35	198	42044	26.135	ng		92
65) n-Nitrosodiphenylamine	10.42	169	533846	42.744	ng		99
66) 4-Bromophenyl-phenylether	10.79	248	154835	43.960	ng		93
67) Hexachlorobenzene	10.85	284	162893	42.363	ng		98
68) Atrazine	10.95	200	154983	42.939	ng		99
69) Pentachlorophenol	11.04	266	87110	37.151	ng		98
70) Phenanthrene	11.26	178	746239	38.303	ng		99
71) Anthracene	11.31	178	756269	38.275	ng		99
72) Carbazole	11.47	167	704216	36.260	ng		99
73) Di-n-butylphthalate	11.80	149	973767	40.868	ng		99
74) Fluoranthene	12.45	202	645269	33.663	ng		98
76) Benzidine	12.57	184	282850	25.979	ng		99
77) Pyrene	12.67	202	646940	32.461	ng		99
79) Butylbenzylphthalate	13.30	149	318988	34.876	ng		93
80) Benzo(a)anthracene	13.86	228	529547	36.812	ng		99
81) 3,3'-Dichlorobenzidine	13.83	252	202899	38.093	ng	#	98
82) Chrysene	13.90	228	540151	36.010	ng		99
83) Bis(2-ethylhexyl)phthalate	13.86	149	406639	38.756	ng		99
84) Di-n-octyl phthalate	14.46	149	675042	38.771	ng		99
85) Indeno(1,2,3-cd)pyrene	16.66	276	516212m	47.283	ng		
87) Benzo(b)fluoranthene	14.88	252	563607	36.355	ng		99
88) Benzo(k)fluoranthene	14.91	252	552140	36.919	ng		97
89) Benzo(a)pyrene	15.23	252	531600	38.106	ng		99
90) Dibenzo(a,h)anthracene	16.67	278	444808	39.955	ng		99
91) Benzo(g,h,i)perylene	17.07	276	420980	37.539	ng		95

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

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