Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF112318\
Data File : BF110942.D
Acq On : 23 Nov 2018 14:22
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
MOHAMMAD
11/26/2018 3:11:54 PM

Quant Time: Nov 23 20:41:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF110818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 12:43:10 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.93	152	63163	20.00	ng		-0.01
21) Naphthalene-d8	8.22	136	262351	20.00	ng		0.00
39) Acenaphthene-d10	9.98	164	126463	20.00	ng		-0.01
64) Phenanthrene-d10	11.47	188	246358	20.00	ng		-0.01
76) Chrysene-d12	14.13	240	179447	20.00	ng		0.00
87) Perylene-d12	15.66	264	123088	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	318158	81.82	ng		-0.01
7) Phenol-d6	6.56	99	400794	80.60	ng		-0.01
23) Nitrobenzene-d5	7.50	82	379335	83.27	ng		-0.01
42) 2,4,6-Tribromophenol	10.77	330	106819	83.83	ng		-0.01
45) 2-Fluorobiphenyl	9.29	172	711922	80.40	ng		-0.01
79) Terphenyl-d14	13.06	244	771516	80.52	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	75858	39.152	ng		88
3) Pyridine	3.55	79	166106	39.718	ng	#	82
4) n-Nitrosodimethylamine	3.51	42	76197	42.463	ng	#	81
6) Aniline	6.60	93	248171	38.270	ng	#	55
8) 2-Chlorophenol	6.72	128	184900	40.561	ng		98
9) Benzaldehyde	6.50	77	103148	38.155	ng		97
10) Phenol	6.58	94	227451	39.448	ng	#	65
11) bis(2-Chloroethyl)ether	6.67	93	167913	38.859	ng		92
12) 1,3-Dichlorobenzene	6.87	146	200766	40.252	ng		99
13) 1,4-Dichlorobenzene	6.95	146	206192	40.710	ng		99
14) 1,2-Dichlorobenzene	7.10	146	192614	40.880	ng		99
15) Benzyl Alcohol	7.08	79	155298	39.908	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.20	45	270666	39.886	ng		74
17) 2-Methylphenol	7.19	107	142689	39.330	ng	#	83
18) Hexachloroethane	7.44	117	74960	40.089	ng		94
19) n-Nitroso-di-n-propylamine	7.35	70	128546	40.498	ng		97
20) 3+4-Methylphenols	7.34	107	186861	40.123	ng		95
22) Acetophenone	7.35	105	252911	41.364	ng	#	95
24) Nitrobenzene	7.53	77	187225	40.113	ng		90
25) Isophorone	7.76	82	302805	40.555	ng		97
26) 2-Nitrophenol	7.84	139	97274	41.776	ng		97
27) 2,4-Dimethylphenol	7.87	122	144844	40.845	ng		99
28) bis(2-Chloroethoxy)methane	7.96	93	207200	40.986	ng		98
29) 2,4-Dichlorophenol	8.08	162	152516	41.798	ng		100
30) 1,2,4-Trichlorobenzene	8.16	180	171733	41.743	ng		94
31) Naphthalene	8.24	128	499520	40.559	ng		99
32) Benzoic acid	8.01	122	111005m	44.242	ng		
33) 4-Chloroaniline	8.30	127	219025	39.262	ng		97
34) Hexachlorobutadiene	8.35	225	98708	42.006	ng		99
35) Caprolactam	8.67	113	51487	42.235	ng		92
36) 4-Chloro-3-methylphenol	8.77	107	164564	41.818	ng		98
37) 2-Methylnaphthalene	8.93	142	331273	41.031	ng		99
38) 1-Methylnaphthalene	9.03	142	314364	40.487	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.10	216	165250	41.281	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.07	237	45165	33.808	ng		97
43) 2,4,6-Trichlorophenol	9.22	196	99351	39.495	ng		94
44) 2,4,5-Trichlorophenol	9.26	196	105914	39.472	ng		94
46) 1,1'-Biphenyl	9.40	154	479312	40.629	ng		99
47) 2-Chloronaphthalene	9.43	162	342094	40.251	ng		98
48) 2-Nitroaniline	9.53	65	110353	42.134	ng		95
49) Acenaphthylene	9.85	152	490362	40.063	ng		99
50) Dimethylphthalate	9.69	163	372442	39.469	ng		100
51) 2,6-Dinitrotoluene	9.77	165	83543	40.246	ng	#	90
52) Acenaphthene	10.02	154	312611	40.414	ng		98
53) 3-Nitroaniline	9.95	138	98511	40.962	ng		98
54) 2,4-Dinitrophenol	10.07	184	36321	46.044	ng		87
55) Dibenzofuran	10.19	168	453348	40.059	ng		99
56) 4-Nitrophenol	10.11	139	60040	37.631	ng		96
57) 2,4-Dinitrotoluene	10.19	165	111432	41.286	ng	#	91
58) Fluorene	10.53	166	355844	40.936	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.31	232	84084	39.834	ng		93
60) Diethylphthalate	10.39	149	388806	41.648	ng		99
61) 4-Chlorophenyl-phenylether	10.52	204	186090	41.346	ng		99
62) 4-Nitroaniline	10.57	138	94931	39.200	ng		93
63) Azobenzene	10.68	77	374604	41.128	ng		96
65) 4,6-Dinitro-2-methylphenol	10.60	198	47069	37.910	ng		83
66) n-Nitrosodiphenylamine	10.64	169	330315	39.778	ng		95
67) 4-Bromophenyl-phenylether	11.01	248	109272	40.133	ng		94
68) Hexachlorobenzene	11.09	284	115465	40.223	ng		97
69) Atrazine	11.16	200	93417	36.793	ng		96
70) Pentachlorophenol	11.29	266	55300	36.103	ng		97
71) Phenanthrene	11.50	178	524978	39.775	ng		99
72) Anthracene	11.55	178	534224	40.124	ng		98
73) Carbazole	11.71	167	526409	41.169	ng		99
74) Di-n-butylphthalate	12.02	149	617344	41.172	ng		99
75) Fluoranthene	12.70	202	538421	40.689	ng		98
77) Benzidine	12.82	184	233147	47.245	ng		95
78) Pyrene	12.93	202	554079	40.101	ng		99
80) Butylbenzylphthalate	13.52	149	248737	41.826	ng		99
81) Benzo(a)anthracene	14.12	228	427998	39.904	ng		99
82) 3,3'-Dichlorobenzidine	14.07	252	149258	41.541	ng		99
83) Chrysene	14.16	228	408468	39.974	ng		100
84) Bis(2-ethylhexyl)phthalate	14.07	149	328429	44.518	ng		97
85) Di-n-octyl phthalate	14.69	149	473125	43.611	ng		99
86) Indeno(1,2,3-cd)pyrene	17.24	276	276308	37.682	ng		99
88) Benzo(b)fluoranthene	15.20	252	282622	38.381	ng		98
89) Benzo(k)fluoranthene	15.23	252	310198	42.633	ng		99
90) Benzo(a)pyrene	15.60	252	268379	40.114	ng		97
91) Dibenzo(a,h)anthracene	17.25	278	229901	40.607	ng		97
92) Benzo(g,h,i)perylene	17.73	276	230388	41.013	ng		98

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

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