Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100818\
Data File : BF109651.D
Acq On : 8 Oct 2018 16:46
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 09 04:00:33 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF100818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 08 16:02:11 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	96867	20.00	ng		0.00
21) Naphthalene-d8	7.98	136	405865	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	194532	20.00	ng		0.00
63) Phenanthrene-d10	11.20	188	376597	20.00	ng		0.00
75) Chrysene-d12	13.83	240	273251	20.00	ng		0.00
86) Perylene-d12	15.23	264	220952	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	430446	78.88	ng		0.00
7) Phenol-d6	6.36	99	579887	79.54	ng		0.00
23) Nitrobenzene-d5	7.27	82	580131	78.79	ng		0.00
41) 2,4,6-Tribromophenol	10.52	330	171541	80.93	ng		0.00
44) 2-Fluorobiphenyl	9.06	172	1090462	77.20	ng		0.00
78) Terphenyl-d14	12.79	244	1065608	75.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	116510	40.680	ng		99
3) Pyridine	3.09	79	224749	38.036	ng		99
4) n-Nitrosodimethylamine	3.03	42	81961	38.429	ng		96
6) Aniline	6.37	93	348793	41.071	ng		93
8) 2-Chlorophenol	6.49	128	268453	39.998	ng		98
9) Benzaldehyde	6.25	77	194634	41.489	ng		98
10) Phenol	6.37	94	314359	37.605	ng		97
11) bis(2-Chloroethyl)ether	6.44	93	294838	42.542	ng		100
12) 1,3-Dichlorobenzene	6.64	146	299864	39.063	ng		99
13) 1,4-Dichlorobenzene	6.72	146	322167	38.501	ng		99
14) 1,2-Dichlorobenzene	6.87	146	286623	39.003	ng		99
15) Benzyl Alcohol	6.85	79	220845	40.862	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.98	45	350740	38.167	ng		96
17) 2-Methylphenol	6.97	107	206246	38.859	ng		92
18) Hexachloroethane	7.21	117	113372	38.331	ng		96
19) n-Nitroso-di-n-propylamine	7.12	70	197503	38.632	ng		97
20) 3+4-Methylphenols	7.13	107	261719	40.018	ng		97
22) Acetophenone	7.12	105	387461	39.478	ng	#	98
24) Nitrobenzene	7.29	77	307775	40.172	ng		98
25) Isophorone	7.52	82	469053	38.364	ng		100
26) 2-Nitrophenol	7.60	139	146272	40.817	ng		99
27) 2,4-Dimethylphenol	7.65	122	202888	39.206	ng		100
28) bis(2-Chloroethoxy)methane	7.73	93	323231	39.085	ng		98
29) 2,4-Dichlorophenol	7.85	162	234781	40.448	ng		98
30) 1,2,4-Trichlorobenzene	7.92	180	255248	39.723	ng		98
31) Naphthalene	8.00	128	731807	38.988	ng		99
32) Benzoic acid	7.80	122	150236	40.605	ng		94
33) 4-Chloroaniline	8.06	127	329191	39.826	ng		99
34) Hexachlorobutadiene	8.12	225	156610	39.199	ng		99
35) Caprolactam	8.43	113	70498	40.668	ng		98
36) 4-Chloro-3-methylphenol	8.55	107	244773	39.948	ng		96
37) 2-Methylnaphthalene	8.69	142	481173	39.135	ng		99
39) 1,2,4,5-Tetrachlorobenzene	8.86	216	259762	39.228	ng		99
40) Hexachlorocyclopentadiene	8.85	237	97478	37.795	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.97	196	159294	40.240	ng		98
43) 2,4,5-Trichlorophenol	9.02	196	177643	39.029	ng		99
45) 1,1'-Biphenyl	9.16	154	679611	39.106	ng		99
46) 2-Chloronaphthalene	9.18	162	509745	39.151	ng		98
47) 2-Nitroaniline	9.28	65	156653	39.736	ng		97
48) Acenaphthylene	9.59	152	740909	39.034	ng		99
49) Dimethylphthalate	9.46	163	557858	39.101	ng		99
50) 2,6-Dinitrotoluene	9.52	165	125221	40.490	ng		93
51) Acenaphthene	9.76	154	431075	38.311	ng		100
52) 3-Nitroaniline	9.69	138	139107	40.126	ng		97
53) 2,4-Dinitrophenol	9.80	184	45080	45.180	ng		95
54) Dibenzofuran	9.93	168	661647	39.228	ng		98
55) 4-Nitrophenol	9.87	139	76184	40.148	ng		90
56) 2,4-Dinitrotoluene	9.92	165	156684	40.597	ng		96
57) Fluorene	10.27	166	487425	38.698	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.06	232	152900	41.326	ng		98
59) Diethylphthalate	10.15	149	550600	38.950	ng		100
60) 4-Chlorophenyl-phenylether	10.27	204	260297	39.172	ng		96
61) 4-Nitroaniline	10.31	138	122669	38.209	ng		99
62) Azobenzene	10.43	77	562618	39.193	ng		99
64) 4,6-Dinitro-2-methylphenol	10.33	198	71794	39.168	ng		88
65) n-Nitrosodiphenylamine	10.39	169	488731	38.282	ng		99
66) 4-Bromophenyl-phenylether	10.75	248	166818	38.551	ng		92
67) Hexachlorobenzene	10.82	284	177566	37.896	ng	#	90
68) Atrazine	10.92	200	153436	38.511	ng		99
69) Pentachlorophenol	11.02	266	104146	39.500	ng		98
70) Phenanthrene	11.23	178	725491	38.495	ng		100
71) Anthracene	11.28	178	741433	38.057	ng		99
72) Carbazole	11.44	167	730272	38.649	ng		99
73) Di-n-butylphthalate	11.77	149	853651	38.952	ng		99
74) Fluoranthene	12.41	202	759224	38.562	ng		99
76) Benzidine	12.53	184	414533	40.838	ng		100
77) Pyrene	12.64	202	777717	38.847	ng		99
79) Butylbenzylphthalate	13.26	149	340748	39.258	ng		100
80) Benzo(a)anthracene	13.82	228	583408	38.690	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	241942	39.847	ng		98
82) Chrysene	13.86	228	619452	39.110	ng		99
83) Bis(2-ethylhexyl)phthalate	13.82	149	415287	39.216	ng		99
84) Di-n-octyl phthalate	14.42	149	652857	39.003	ng		99
85) Indeno(1,2,3-cd)pyrene	16.57	276	420743	37.113	ng		99
87) Benzo(b)fluoranthene	14.83	252	459217	37.609	ng		98
88) Benzo(k)fluoranthene	14.86	252	493278	40.208	ng		99
89) Benzo(a)pyrene	15.17	252	430594	38.861	ng		97
90) Dibenzo(a,h)anthracene	16.59	278	352237	38.707	ng		99
91) Benzo(g,h,i)perylene	16.97	276	357329	39.322	ng		100

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

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