Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081718\
Data File : BF108259.D
Acq On : 17 Aug 2018 23:06
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 17 23:37:41 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	141639	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	554473	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	248445	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	413635	20.00	ng		0.00
75) Chrysene-d12	14.21	240	376960	20.00	ng		0.00
86) Perylene-d12	15.77	264	289929	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	652032	83.34	ng		0.01
7) Phenol-d6	6.64	99	854632	82.21	ng		0.00
23) Nitrobenzene-d5	7.58	82	818323	82.35	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	187723	75.75	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	1469054	94.93	ng		0.00
78) Terphenyl-d14	13.14	244	1173190	79.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	153762	38.250	ng		90
3) Pyridine	3.67	79	399688	38.597	ng	#	83
4) n-Nitrosodimethylamine	3.63	42	212608	36.487	ng	#	81
6) Aniline	6.68	93	573787	40.576	ng		97
8) 2-Chlorophenol	6.80	128	366249	41.566	ng		92
9) Benzaldehyde	6.57	77	321391	39.873	ng		95
10) Phenol	6.65	94	445036	41.384	ng		93
11) bis(2-Chloroethyl)ether	6.75	93	358922	41.284	ng		92
12) 1,3-Dichlorobenzene	6.96	146	419262	41.152	ng		99
13) 1,4-Dichlorobenzene	7.04	146	422695	41.294	ng		96
14) 1,2-Dichlorobenzene	7.19	146	391901	41.160	ng		99
15) Benzyl Alcohol	7.15	79	349091	39.887	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	689773	38.513	ng		97
17) 2-Methylphenol	7.26	107	301474	39.898	ng		96
18) Hexachloroethane	7.53	117	139578	38.301	ng		93
19) n-Nitroso-di-n-propylamine	7.42	70	277976	39.540	ng		94
20) 3+4-Methylphenols	7.41	107	382641	39.517	ng		87
22) Acetophenone	7.42	105	522186	40.277	ng	#	94
24) Nitrobenzene	7.60	77	407288	40.534	ng		97
25) Isophorone	7.84	82	745671	39.371	ng		97
26) 2-Nitrophenol	7.91	139	162292	42.769	ng		88
27) 2,4-Dimethylphenol	7.94	122	330813	39.355	ng		96
28) bis(2-Chloroethoxy)methane	8.04	93	446772	40.408	ng		99
29) 2,4-Dichlorophenol	8.15	162	313872	40.575	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	341453	40.035	ng		95
31) Naphthalene	8.32	128	1037311	41.137	ng		99
32) Benzoic acid	8.04	122	130981	29.484	ng		92
33) 4-Chloroaniline	8.37	127	438469	39.900	ng		97
34) Hexachlorobutadiene	8.43	225	221444	41.014	ng		99
35) Caprolactam	8.74	113	92676	38.230	ng		90
36) 4-Chloro-3-methylphenol	8.84	107	314592	37.698	ng		99
37) 2-Methylnaphthalene	9.01	142	711138	39.860	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	356129	46.678	ng	#	97
40) Hexachlorocyclopentadiene	9.16	237	52626	10.679	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	214934	45.398	ng		96
43) 2,4,5-Trichlorophenol	9.33	196	224355	43.047	ng		95
45) 1,1'-Biphenyl	9.48	154	846563	46.215	ng		99
46) 2-Chloronaphthalene	9.51	162	642953	44.410	ng		98
47) 2-Nitroaniline	9.60	65	207612	44.319	ng		87
48) Acenaphthylene	9.92	152	981366	42.876	ng		99
49) Dimethylphthalate	9.77	163	764305	44.164	ng		99
50) 2,6-Dinitrotoluene	9.84	165	152986	42.252	ng		97
51) Acenaphthene	10.09	154	566273	40.393	ng		100
52) 3-Nitroaniline	10.01	138	163764	41.338	ng		93
53) 2,4-Dinitrophenol	10.12	184	8363	12.651	ng	#	22
54) Dibenzofuran	10.27	168	840724	41.394	ng		99
55) 4-Nitrophenol	10.17	139	99857	33.286	ng		95
56) 2,4-Dinitrotoluene	10.25	165	186801	40.080	ng	#	94
57) Fluorene	10.61	166	636418	39.583	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.38	232	170102	39.049	ng	#	85
59) Diethylphthalate	10.47	149	714945	42.662	ng		96
60) 4-Chlorophenyl-phenylether	10.60	204	344787	41.155	ng		90
61) 4-Nitroaniline	10.62	138	152793	39.010	ng		95
62) Azobenzene	10.76	77	668727	38.640	ng		94
64) 4,6-Dinitro-2-methylphenol	10.65	198	17251	15.227	ng		91
65) n-Nitrosodiphenylamine	10.72	169	573583	46.925	ng		96
66) 4-Bromophenyl-phenylether	11.09	248	207888	46.248	ng	#	83
67) Hexachlorobenzene	11.17	284	201191	42.539	ng	#	85
68) Atrazine	11.24	200	179297	43.734	ng		94
69) Pentachlorophenol	11.35	266	83010	36.669	ng		98
70) Phenanthrene	11.58	178	828053	42.443	ng		99
71) Anthracene	11.64	178	861800	43.099	ng		99
72) Carbazole	11.79	167	726151	40.873	ng		99
73) Di-n-butylphthalate	12.10	149	963760	47.893	ng		99
74) Fluoranthene	12.78	202	884299	41.531	ng		95
76) Benzidine	12.89	184	521904	37.056	ng		100
77) Pyrene	13.01	202	896883	37.581	ng		100
79) Butylbenzylphthalate	13.61	149	393033	41.474	ng	#	94
80) Benzo(a)anthracene	14.20	228	907755	41.960	ng		99
81) 3,3'-Dichlorobenzidine	14.16	252	341986	44.111	ng	#	97
82) Chrysene	14.24	228	843578	42.533	ng		100
83) Bis(2-ethylhexyl)phthalate	14.17	149	530993	41.377	ng	#	99
84) Di-n-octyl phthalate	14.79	149	973827	49.757	ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	547030	31.832	ng	#	91
87) Benzo(b)fluoranthene	15.30	252	777727	44.892	ng	#	97
88) Benzo(k)fluoranthene	15.34	252	737347	46.300	ng	#	95
89) Benzo(a)pyrene	15.71	252	647237	41.721	ng	#	96
90) Dibenzo(a,h)anthracene	17.41	278	462375	36.022	ng	#	94
91) Benzo(g,h,i)perylene	17.89	276	439315	34.758	ng	#	90

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

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