Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062218\
Data File : BF106737.D
Acq On : 23 Jun 2018 4:31
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 23 04:53:29 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 22 11:34:03 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.96	152	49846	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	195986	20.00	ng		0.00
38) Acenaphthene-d10	10.00	164	90805	20.00	ng		0.00
63) Phenanthrene-d10	11.49	188	145975	20.00	ng		-0.01
75) Chrysene-d12	14.14	240	146928	20.00	ng		-0.01
86) Perylene-d12	15.67	264	137904	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	221610	75.28	ng		0.00
7) Phenol-d6	6.60	99	273983	74.53	ng		0.00
23) Nitrobenzene-d5	7.52	82	257334	72.97	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	71729	68.15	ng		0.00
44) 2-Fluorobiphenyl	9.32	172	460220	85.95	ng		0.00
78) Terphenyl-d14	13.08	244	430629	70.99	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.79	88	52532	34.711	ng		98
3) Pyridine	3.58	79	142711	34.770	ng		97
4) n-Nitrosodimethylamine	3.54	42	57676	33.086	ng		85
6) Aniline	6.62	93	185322	37.164	ng		97
8) 2-Chlorophenol	6.75	128	123515	38.256	ng		96
9) Benzaldehyde	6.51	77	92094	35.932	ng		99
10) Phenol	6.61	94	156017	37.189	ng		90
11) bis(2-Chloroethyl)ether	6.70	93	127669	36.862	ng		100
12) 1,3-Dichlorobenzene	6.90	146	144336	38.169	ng		99
13) 1,4-Dichlorobenzene	6.98	146	147066	38.468	ng		98
14) 1,2-Dichlorobenzene	7.13	146	135755	38.746	ng		99
15) Benzyl Alcohol	7.10	79	109833	37.209	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.23	45	163231	35.921	ng		89
17) 2-Methylphenol	7.21	107	101953	36.899	ng		99
18) Hexachloroethane	7.47	117	46399	34.512	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	85631	35.338	ng		92
20) 3+4-Methylphenols	7.37	107	118373	38.001	ng	#	67
22) Acetophenone	7.37	105	166382	37.946	ng	#	94
24) Nitrobenzene	7.55	77	130418	36.222	ng		97
25) Isophorone	7.78	82	223343	35.940	ng		98
26) 2-Nitrophenol	7.86	139	63980	37.642	ng		97
27) 2,4-Dimethylphenol	7.90	122	97645	37.168	ng		100
28) bis(2-Chloroethoxy)methane	7.98	93	154031	36.916	ng		99
29) 2,4-Dichlorophenol	8.11	162	105131	38.223	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	123115	40.633	ng		98
31) Naphthalene	8.27	128	347874	37.965	ng		100
32) Benzoic acid	8.01	122	41416	24.816	ng		97
33) 4-Chloroaniline	8.31	127	141245	36.737	ng		99
34) Hexachlorobutadiene	8.37	225	82551	41.813	ng		99
35) Caprolactam	8.69	113	31112	34.701	ng		99
36) 4-Chloro-3-methylphenol	8.80	107	104031	35.934	ng		93
37) 2-Methylnaphthalene	8.95	142	240044	39.524	ng		95
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	127346	41.643	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	12042	7.654	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	73410	36.114	ng		94
43) 2,4,5-Trichlorophenol	9.28	196	77370	36.477	ng	#	88
45) 1,1'-Biphenyl	9.42	154	292982	40.485	ng		97
46) 2-Chloronaphthalene	9.45	162	207316	36.395	ng		96
47) 2-Nitroaniline	9.54	65	65110	33.991	ng		91
48) Acenaphthylene	9.87	152	321148	35.709	ng		99
49) Dimethylphthalate	9.71	163	256574	37.673	ng		98
50) 2,6-Dinitrotoluene	9.78	165	54500	37.791	ng		90
51) Acenaphthene	10.04	154	203471	35.928	ng		98
52) 3-Nitroaniline	9.96	138	57143	34.433	ng		94
53) 2,4-Dinitrophenol	10.06	184	6042	12.872	ng	#	20
54) Dibenzofuran	10.21	168	295482	38.104	ng		95
55) 4-Nitrophenol	10.13	139	38669	33.382	ng		95
56) 2,4-Dinitrotoluene	10.19	165	64608	34.322	ng	#	86
57) Fluorene	10.55	166	217704	35.378	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	60128	35.661	ng	#	77
59) Diethylphthalate	10.41	149	234497	35.674	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	122254	37.970	ng	#	88
61) 4-Nitroaniline	10.57	138	50807	30.849	ng		96
62) Azobenzene	10.70	77	200477	30.971	ng		91
64) 4,6-Dinitro-2-methylphenol	10.60	198	16004	17.736	ng		82
65) n-Nitrosodiphenylamine	10.66	169	199058	40.542	ng		100
66) 4-Bromophenyl-phenylether	11.03	248	76080	43.671	ng	#	80
67) Hexachlorobenzene	11.10	284	74724	40.981	ng	#	79
68) Atrazine	11.18	200	63687	40.802	ng		94
69) Pentachlorophenol	11.30	266	37544	41.266	ng		96
70) Phenanthrene	11.52	178	281983	40.051	ng		99
71) Anthracene	11.57	178	283382	39.433	ng		99
72) Carbazole	11.72	167	247786	36.828	ng		98
73) Di-n-butylphthalate	12.04	149	307480	38.791	ng		98
74) Fluoranthene	12.71	202	297730	38.366	ng		96
76) Benzidine	12.83	184	134249	32.083	ng		98
77) Pyrene	12.94	202	312409	32.244	ng		99
79) Butylbenzylphthalate	13.54	149	120670	30.292	ng	#	97
80) Benzo(a)anthracene	14.13	228	336758	37.606	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	121038	38.458	ng	#	96
82) Chrysene	14.17	228	309093	37.519	ng		99
83) Bis(2-ethylhexyl)phthalate	14.09	149	164823	32.363	ng		98
84) Di-n-octyl phthalate	14.72	149	316285	38.099	ng		97
85) Indeno(1,2,3-cd)pyrene	17.24	276	257177	36.785	ng	#	90
87) Benzo(b)fluoranthene	15.22	252	327140	38.188	ng	#	96
88) Benzo(k)fluoranthene	15.25	252	306292	37.546	ng	#	95
89) Benzo(a)pyrene	15.61	252	285742	37.521	ng	#	96
90) Dibenzo(a,h)anthracene	17.26	278	219400	33.994	ng	#	94
91) Benzo(g,h,i)perylene	17.72	276	203785	32.304	ng	#	92

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

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