Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061318\
Data File : BF106387.D
Acq On : 13 Jun 2018 13:22
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 14 02:18:32 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061118.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 13 10:51:26 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	143631	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	592860	20.00	ng		-0.01
38) Acenaphthene-d10	10.01	164	292491	20.00	ng		0.00
63) Phenanthrene-d10	11.50	188	587278	20.00	ng		0.00
75) Chrysene-d12	14.15	240	504520	20.00	ng		0.00
86) Perylene-d12	15.68	264	398060	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	728731	85.87	ng		-0.02
7) Phenol-d6	6.61	99	867573	80.92	ng		-0.01
23) Nitrobenzene-d5	7.53	82	849909	84.34	ng		0.00
41) 2,4,6-Tribromophenol	10.80	330	273994	97.36	ng		-0.01
44) 2-Fluorobiphenyl	9.32	172	1400282	85.03	ng		0.00
78) Terphenyl-d14	13.08	244	1594638	78.50	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.83	88	179299	40.824	ng		95
3) Pyridine	3.60	79	495497	40.484	ng		99
4) n-Nitrosodimethylamine	3.57	42	219750	39.193	ng		94
6) Aniline	6.63	93	575334	36.748	ng	#	74
8) 2-Chlorophenol	6.77	128	383266	41.997	ng		99
9) Benzaldehyde	6.52	77	307181	37.772	ng		96
10) Phenol	6.62	94	502923	42.968	ng	#	60
11) bis(2-Chloroethyl)ether	6.70	93	413315	41.249	ng		97
12) 1,3-Dichlorobenzene	6.91	146	441775	41.130	ng		99
13) 1,4-Dichlorobenzene	6.98	146	452019	41.471	ng		99
14) 1,2-Dichlorobenzene	7.14	146	413899	40.338	ng		99
15) Benzyl Alcohol	7.11	79	367658	40.041	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.24	45	529680	36.877	ng	#	1
17) 2-Methylphenol	7.24	107	345801	42.470	ng	#	90
18) Hexachloroethane	7.48	117	157472	40.546	ng		98
19) n-Nitroso-di-n-propylamine	7.38	70	299821	37.274	ng		96
20) 3+4-Methylphenols	7.38	107	421543	40.484	ng		95
22) Acetophenone	7.37	105	570247	38.168	ng		98
24) Nitrobenzene	7.55	77	446574	40.770	ng		94
25) Isophorone	7.79	82	753611	38.285	ng		99
26) 2-Nitrophenol	7.87	139	206430	48.553	ng		98
27) 2,4-Dimethylphenol	7.91	122	323279	38.794	ng		100
28) bis(2-Chloroethoxy)methane	7.99	93	512651	40.165	ng		99
29) 2,4-Dichlorophenol	8.12	162	345540	42.981	ng		98
30) 1,2,4-Trichlorobenzene	8.19	180	361154	40.065	ng		95
31) Naphthalene	8.27	128	1088753	40.624	ng		98
32) Benzoic acid	8.03	122	225480	38.404	ng		91
33) 4-Chloroaniline	8.32	127	486535	40.965	ng		97
34) Hexachlorobutadiene	8.38	225	237243	40.967	ng		98
35) Caprolactam	8.70	113	118990	43.758	ng		99
36) 4-Chloro-3-methylphenol	8.81	107	360332	40.519	ng		99
37) 2-Methylnaphthalene	8.97	142	733057	40.159	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.13	216	386174	40.671	ng		96
40) Hexachlorocyclopentadiene	9.11	237	217918	41.597	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.25	196	261875	43.278 ng		99
43) 2,4,5-Trichlorophenol	9.30	196	277321	42.513 ng		96
45) 1,1'-Biphenyl	9.43	154	907626	40.063 ng		99
46) 2-Chloronaphthalene	9.45	162	721783	39.812 ng		99
47) 2-Nitroaniline	9.55	65	261418	45.836 ng		93
48) Acenaphthylene	9.87	152	1140215	41.089 ng		97
49) Dimethylphthalate	9.72	163	865047	41.396 ng		99
50) 2,6-Dinitrotoluene	9.79	165	187458	43.916 ng		94
51) Acenaphthene	10.04	154	726994	40.566 ng		99
52) 3-Nitroaniline	9.97	138	226403	44.688 ng		99
53) 2,4-Dinitrophenol	10.07	184	86769	48.121 ng	#	19
54) Dibenzofuran	10.21	168	991050	41.067 ng		95
55) 4-Nitrophenol	10.15	139	169977	43.772 ng		92
56) 2,4-Dinitrotoluene	10.20	165	253329	47.261 ng	#	93
57) Fluorene	10.56	166	774701	40.518 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.34	232	230118	44.509 ng	#	83
59) Diethylphthalate	10.42	149	842688	40.629 ng	#	94
60) 4-Chlorophenyl-phenylether	10.55	204	408168	40.588 ng		91
61) 4-Nitroaniline	10.58	138	226366	45.924 ng		97
62) Azobenzene	10.71	77	838220	38.757 ng		96
64) 4,6-Dinitro-2-methylphenol	10.61	198	149236	47.224 ng	#	71
65) n-Nitrosodiphenylamine	10.67	169	776590	39.346 ng		97
66) 4-Bromophenyl-phenylether	11.04	248	274330	41.070 ng	#	80
67) Hexachlorobenzene	11.11	284	287864	41.802 ng	#	85
68) Atrazine	11.20	200	251508	41.349 ng		94
69) Pentachlorophenol	11.31	266	161274	38.039 ng		99
70) Phenanthrene	11.52	178	1140370	39.650 ng		97
71) Anthracene	11.58	178	1148909	39.874 ng		96
72) Carbazole	11.73	167	1067854	40.143 ng		98
73) Di-n-butylphthalate	12.05	149	1223413	41.323 ng		98
74) Fluoranthene	12.72	202	1241399	40.473 ng		96
76) Benzidine	12.84	184	640689	38.156 ng		99
77) Pyrene	12.95	202	1284658	40.672 ng		96
79) Butylbenzylphthalate	13.55	149	534896	45.240 ng	#	98
80) Benzo(a)anthracene	14.14	228	1210382	40.314 ng		97
81) 3,3'-Dichlorobenzidine	14.10	252	437419	43.181 ng	#	96
82) Chrysene	14.18	228	1101876	40.197 ng		96
83) Bis(2-ethylhexyl)phthalate	14.11	149	705225	41.600 ng	#	98
84) Di-n-octyl phthalate	14.74	149	1132365	46.333 ng		99
85) Indeno(1,2,3-cd)pyrene	17.25	276	766996	35.060 ng	#	93
87) Benzo(b)fluoranthene	15.23	252	1024525	42.578 ng		96
88) Benzo(k)fluoranthene	15.26	252	1017876	42.713 ng	#	96
89) Benzo(a)pyrene	15.62	252	911316	42.107 ng		97
90) Dibenzo(a,h)anthracene	17.27	278	662118	36.695 ng	#	95
91) Benzo(g,h,i)perylene	17.72	276	617567	35.218 ng	#	93

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

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