Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106952.D
Acq On : 29 Jun 2018 5:50
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 29 07:07:25 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061918.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 25 18:50:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.95	152	61975	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	219340	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	88772	20.00	ng		-0.01
63) Phenanthrene-d10	11.48	188	162210	20.00	ng		-0.02
75) Chrysene-d12	14.14	240	206184	20.00	ng		-0.02
86) Perylene-d12	15.67	264	187173	20.00	ng		-0.05
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	314824	86.02	ng		-0.01
7) Phenol-d6	6.60	99	365696	80.01	ng		-0.02
23) Nitrobenzene-d5	7.52	82	321666	81.50	ng		-0.02
41) 2,4,6-Tribromophenol	10.79	330	83132	80.80	ng		-0.01
44) 2-Fluorobiphenyl	9.31	172	549877	109.01	ng		-0.02
78) Terphenyl-d14	13.07	244	629221	73.92	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.77	88	74952	39.833	ng		98
3) Pyridine	3.57	79	202465	39.675	ng		95
4) n-Nitrosodimethylamine	3.54	42	78739	36.328	ng	#	82
6) Aniline	6.62	93	240271	38.754	ng		94
8) 2-Chlorophenol	6.75	128	165473	41.221	ng		95
9) Benzaldehyde	6.51	77	113674	35.577	ng		94
10) Phenol	6.61	94	206188	39.529	ng		93
11) bis(2-Chloroethyl)ether	6.69	93	163055	37.865	ng		98
12) 1,3-Dichlorobenzene	6.90	146	195972	41.681	ng		98
13) 1,4-Dichlorobenzene	6.97	146	201516	42.394	ng		98
14) 1,2-Dichlorobenzene	7.12	146	181990	41.776	ng		98
15) Benzyl Alcohol	7.10	79	138181	37.651	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	193861	34.312	ng		82
17) 2-Methylphenol	7.21	107	132400	38.541	ng		94
18) Hexachloroethane	7.46	117	61719	36.923	ng		93
19) n-Nitroso-di-n-propylamine	7.36	70	107996	35.846	ng		94
20) 3+4-Methylphenols	7.37	107	158385	41.889	ng	#	66
22) Acetophenone	7.36	105	215767	43.970	ng	#	95
24) Nitrobenzene	7.54	77	161254	40.018	ng		95
25) Isophorone	7.77	82	256872	36.934	ng		99
26) 2-Nitrophenol	7.85	139	76555	40.245	ng		96
27) 2,4-Dimethylphenol	7.89	122	121031	41.164	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	185831	39.795	ng		99
29) 2,4-Dichlorophenol	8.10	162	127477	41.413	ng		92
30) 1,2,4-Trichlorobenzene	8.18	180	151299	44.618	ng		96
31) Naphthalene	8.26	128	427233	41.662	ng		100
32) Benzoic acid	8.00	122	52105	27.185	ng		96
33) 4-Chloroaniline	8.31	127	170232	39.562	ng		99
34) Hexachlorobutadiene	8.37	225	103751	46.956	ng		99
35) Caprolactam	8.68	113	33878	33.763	ng		96
36) 4-Chloro-3-methylphenol	8.80	107	117527	36.274	ng		92
37) 2-Methylnaphthalene	8.95	142	281572	41.425	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.11	216	143966	48.156	ng	#	95
40) Hexachlorocyclopentadiene	9.10	237	12300	7.997	ng		94

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.23	196	78267	39.385	ng		90
43) 2,4,5-Trichlorophenol	9.28	196	81224	39.171	ng		89
45) 1,1'-Biphenyl	9.41	154	336093	47.506	ng		98
46) 2-Chloronaphthalene	9.44	162	231798	41.624	ng		95
47) 2-Nitroaniline	9.54	65	67657	36.130	ng		97
48) Acenaphthylene	9.86	152	356407	40.538	ng		99
49) Dimethylphthalate	9.71	163	273374	41.059	ng		98
50) 2,6-Dinitrotoluene	9.78	165	57260	40.614	ng		86
51) Acenaphthene	10.03	154	221966	40.092	ng		98
52) 3-Nitroaniline	9.95	138	61884	38.144	ng		95
53) 2,4-Dinitrophenol	10.07	184	3648	9.997	ng	#	12
54) Dibenzofuran	10.20	168	318962	42.073	ng		96
55) 4-Nitrophenol	10.12	139	39257	34.666	ng		95
56) 2,4-Dinitrotoluene	10.18	165	68357	37.145	ng		90
57) Fluorene	10.54	166	243995	40.559	ng		100
58) 2,3,4,6-Tetrachlorophenol	10.32	232	61778	37.479	ng	#	79
59) Diethylphthalate	10.40	149	243314	37.863	ng	#	94
60) 4-Chlorophenyl-phenylether	10.53	204	131383	41.740	ng	#	87
61) 4-Nitroaniline	10.57	138	58614	36.404	ng		96
62) Azobenzene	10.69	77	205448	32.466	ng		95
64) 4,6-Dinitro-2-methylphenol	10.60	198	8704	8.681	ng		78
65) n-Nitrosodiphenylamine	10.65	169	220560	40.425	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	81262	41.977	ng	#	78
67) Hexachlorobenzene	11.09	284	85351	42.124	ng	#	83
68) Atrazine	11.17	200	65816	37.946	ng		95
69) Pentachlorophenol	11.29	266	40368	39.929	ng		99
70) Phenanthrene	11.51	178	344643	44.051	ng		99
71) Anthracene	11.57	178	351659	44.036	ng		98
72) Carbazole	11.72	167	325104	43.483	ng		98
73) Di-n-butylphthalate	12.03	149	329761	37.438	ng		99
74) Fluoranthene	12.71	202	430720	49.948	ng		95
76) Benzidine	12.83	184	259298	44.158	ng		98
77) Pyrene	12.94	202	462400	34.009	ng		100
79) Butylbenzylphthalate	13.54	149	172023	30.772	ng	#	96
80) Benzo(a)anthracene	14.13	228	501814	39.933	ng		100
81) 3,3'-Dichlorobenzidine	14.09	252	188535	42.688	ng	#	97
82) Chrysene	14.17	228	470476	40.695	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	226748	31.727	ng		96
84) Di-n-octyl phthalate	14.72	149	465250	39.937	ng		95
85) Indeno(1,2,3-cd)pyrene	17.25	276	377721	38.500	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	502916	43.254	ng	#	95
88) Benzo(k)fluoranthene	15.25	252	454611	41.058	ng	#	95
89) Benzo(a)pyrene	15.61	252	424654	41.084	ng	#	96
90) Dibenzo(a,h)anthracene	17.27	278	328165	37.462	ng	#	92
91) Benzo(g,h,i)perylene	17.73	276	297492	34.746	ng	#	89

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

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