Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062818\
Data File : BF106925.D
Acq On : 28 Jun 2018 17:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jun 28 18:15:28 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	71671	20.00	ng		0.00
21) Naphthalene-d8	8.24	136	277233	20.00	ng		-0.01
38) Acenaphthene-d10	10.00	164	148055	20.00	ng		-0.01
63) Phenanthrene-d10	11.49	188	304216	20.00	ng		-0.01
75) Chrysene-d12	14.15	240	235132	20.00	ng		-0.02
86) Perylene-d12	15.68	264	183469	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	345157	81.55	ng		0.00
7) Phenol-d6	6.60	99	419984	79.46	ng		-0.01
23) Nitrobenzene-d5	7.52	82	393794	78.94	ng		-0.01
41) 2,4,6-Tribromophenol	10.80	330	154772	90.19	ng		0.00
44) 2-Fluorobiphenyl	9.31	172	740455	84.58	ng		-0.01
78) Terphenyl-d14	13.07	244	913226	94.08	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	81661	37.528	ng		98
3) Pyridine	3.60	79	225572	38.223	ng		97
4) n-Nitrosodimethylamine	3.56	42	88824	35.437	ng		85
6) Aniline	6.62	93	279305	38.955	ng		99
8) 2-Chlorophenol	6.75	128	188282	40.557	ng		97
9) Benzaldehyde	6.51	77	127336	34.081	ng		95
10) Phenol	6.61	94	232138	38.483	ng		80
11) bis(2-Chloroethyl)ether	6.69	93	186314	37.413	ng		99
12) 1,3-Dichlorobenzene	6.90	146	221182	40.679	ng		99
13) 1,4-Dichlorobenzene	6.97	146	221898	40.367	ng		99
14) 1,2-Dichlorobenzene	7.12	146	207825	41.253	ng		99
15) Benzyl Alcohol	7.10	79	164607	38.784	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.22	45	224195	34.313	ng		69
17) 2-Methylphenol	7.21	107	156960	39.509	ng		95
18) Hexachloroethane	7.47	117	74298	38.435	ng	#	83
19) n-Nitroso-di-n-propylamine	7.37	70	131073	37.620	ng		93
20) 3+4-Methylphenols	7.37	107	186947	43.069	ng	#	65
22) Acetophenone	7.37	105	257360	41.494	ng	#	95
24) Nitrobenzene	7.54	77	197958	38.868	ng		99
25) Isophorone	7.78	82	331724	37.736	ng		100
26) 2-Nitrophenol	7.85	139	102297	42.547	ng		99
27) 2,4-Dimethylphenol	7.89	122	151976	40.895	ng		99
28) bis(2-Chloroethoxy)methane	7.98	93	227142	38.484	ng		99
29) 2,4-Dichlorophenol	8.10	162	164269	42.222	ng		94
30) 1,2,4-Trichlorobenzene	8.18	180	192448	44.901	ng		97
31) Naphthalene	8.26	128	540473	41.698	ng		99
32) Benzoic acid	8.02	122	78247	31.222	ng		92
33) 4-Chloroaniline	8.31	127	227589	41.847	ng		98
34) Hexachlorobutadiene	8.37	225	124135	44.449	ng		99
35) Caprolactam	8.70	113	53632	42.289	ng		98
36) 4-Chloro-3-methylphenol	8.80	107	170794	41.706	ng		94
37) 2-Methylnaphthalene	8.95	142	383303	44.616	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.12	216	208082	41.733	ng	#	96
40) Hexachlorocyclopentadiene	9.10	237	84759	33.041	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.24	196	122582	36.986	ng		92
43) 2,4,5-Trichlorophenol	9.28	196	130394	37.704	ng	#	86
45) 1,1'-Biphenyl	9.41	154	485048	41.108	ng		99
46) 2-Chloronaphthalene	9.44	162	351130	37.806	ng		96
47) 2-Nitroaniline	9.55	65	112458	36.008	ng		97
48) Acenaphthylene	9.86	152	563294	38.415	ng		98
49) Dimethylphthalate	9.71	163	427078	38.461	ng		99
50) 2,6-Dinitrotoluene	9.78	165	96839	41.184	ng		89
51) Acenaphthene	10.03	154	355608	38.512	ng		98
52) 3-Nitroaniline	9.96	138	107231	39.630	ng		96
53) 2,4-Dinitrophenol	10.07	184	52687	45.565	ng	#	20
54) Dibenzofuran	10.21	168	528064	41.765	ng		95
55) 4-Nitrophenol	10.13	139	68800	36.427	ng		96
56) 2,4-Dinitrotoluene	10.19	165	130890	42.646	ng	#	89
57) Fluorene	10.55	166	418373	41.698	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.32	232	114412	41.618	ng	#	77
59) Diethylphthalate	10.41	149	401407	37.453	ng	#	94
60) 4-Chlorophenyl-phenylether	10.54	204	221924	42.274	ng	#	83
61) 4-Nitroaniline	10.58	138	107835	40.157	ng		98
62) Azobenzene	10.70	77	368746	34.939	ng		93
64) 4,6-Dinitro-2-methylphenol	10.60	198	78672	41.836	ng		77
65) n-Nitrosodiphenylamine	10.66	169	385413	37.666	ng		99
66) 4-Bromophenyl-phenylether	11.02	248	147447	40.612	ng	#	83
67) Hexachlorobenzene	11.10	284	160443	42.222	ng	#	86
68) Atrazine	11.18	200	131783	40.512	ng		93
69) Pentachlorophenol	11.29	266	71177	37.540	ng		99
70) Phenanthrene	11.52	178	618606	42.160	ng		99
71) Anthracene	11.57	178	634840	42.388	ng		99
72) Carbazole	11.72	167	580649	41.410	ng		98
73) Di-n-butylphthalate	12.04	149	619916	37.527	ng		99
74) Fluoranthene	12.71	202	682338	42.191	ng		97
76) Benzidine	12.83	184	332095	49.592	ng		99
77) Pyrene	12.94	202	685148	44.188	ng		100
79) Butylbenzylphthalate	13.54	149	247551	38.831	ng	#	93
80) Benzo(a)anthracene	14.14	228	575985	40.193	ng		99
81) 3,3'-Dichlorobenzidine	14.09	252	190238	37.771	ng	#	95
82) Chrysene	14.17	228	531222	40.293	ng		100
83) Bis(2-ethylhexyl)phthalate	14.09	149	284254	34.877	ng	#	97
84) Di-n-octyl phthalate	14.72	149	436706	32.872	ng		95
85) Indeno(1,2,3-cd)pyrene	17.27	276	476722	42.609	ng	#	89
87) Benzo(b)fluoranthene	15.22	252	466031	40.891	ng	#	96
88) Benzo(k)fluoranthene	15.26	252	441857	40.712	ng	#	94
89) Benzo(a)pyrene	15.62	252	406106	40.083	ng	#	97
90) Dibenzo(a,h)anthracene	17.27	278	395951	46.113	ng	#	93
91) Benzo(g,h,i)perylene	17.74	276	409507	48.794	ng	#	89

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

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