Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100218\
Data File : BF109493.D
Acq On : 2 Oct 2018 11:40
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 02 12:28:47 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF092218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Sep 22 13:32:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	112394	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	451504	20.00	ng		0.00
38) Acenaphthene-d10	9.74	164	220877	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	429179	20.00	ng		0.00
75) Chrysene-d12	13.84	240	321970	20.00	ng		0.00
86) Perylene-d12	15.24	264	276163	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	591780	86.72	ng		0.00
7) Phenol-d6	6.36	99	724940	83.25	ng		0.00
23) Nitrobenzene-d5	7.27	82	684672	89.52	ng		0.00
41) 2,4,6-Tribromophenol	10.53	330	203057	93.26	ng		0.00
44) 2-Fluorobiphenyl	9.07	172	1242857	84.86	ng		0.00
78) Terphenyl-d14	12.80	244	1063010	81.03	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.38	88	120111	38.219	ng		94
3) Pyridine	3.08	79	320654	39.642	ng		92
4) n-Nitrosodimethylamine	3.03	42	132927	38.616	ng	#	98
6) Aniline	6.37	93	442323	39.705	ng	#	49
8) 2-Chlorophenol	6.50	128	327213	43.121	ng		95
9) Benzaldehyde	6.25	77	216029	38.620	ng		99
10) Phenol	6.37	94	396469	40.206	ng	#	47
11) bis(2-Chloroethyl)ether	6.45	93	305271	39.563	ng		97
12) 1,3-Dichlorobenzene	6.65	146	369942	42.342	ng		98
13) 1,4-Dichlorobenzene	6.72	146	379289	43.091	ng		99
14) 1,2-Dichlorobenzene	6.88	146	341343	42.039	ng		97
15) Benzyl Alcohol	6.86	79	276477	41.481	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	432672	39.532	ng		84
17) 2-Methylphenol	6.97	107	248915	40.540	ng	#	92
18) Hexachloroethane	7.22	117	137951	44.485	ng		97
19) n-Nitroso-di-n-propylamine	7.13	70	237574	41.639	ng		98
20) 3+4-Methylphenols	7.13	107	318311	42.939	ng	#	77
22) Acetophenone	7.12	105	438189	41.977	ng		97
24) Nitrobenzene	7.29	77	348026	42.795	ng		98
25) Isophorone	7.53	82	565652	41.070	ng		98
26) 2-Nitrophenol	7.61	139	174752	54.336	ng		96
27) 2,4-Dimethylphenol	7.66	122	251695	41.940	ng		99
28) bis(2-Chloroethoxy)methane	7.75	93	388329	42.593	ng		99
29) 2,4-Dichlorophenol	7.85	162	280003	44.408	ng		99
30) 1,2,4-Trichlorobenzene	7.93	180	303795	43.118	ng		98
31) Naphthalene	8.01	128	877828	41.606	ng		99
32) Benzoic acid	7.80	122	186271	46.005	ng		99
33) 4-Chloroaniline	8.06	127	398701	43.257	ng		99
34) Hexachlorobutadiene	8.13	225	186117	43.819	ng		99
35) Caprolactam	8.45	113	86675	43.056	ng		87
36) 4-Chloro-3-methylphenol	8.56	107	292894	44.144	ng		97
37) 2-Methylnaphthalene	8.70	142	569924	41.902	ng		98
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	302745	43.068	ng		98
40) Hexachlorocyclopentadiene	8.86	237	115234	37.584	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	8.98	196	200251	44.386	ng		97
43) 2,4,5-Trichlorophenol	9.03	196	214825	45.086	ng		95
45) 1,1'-Biphenyl	9.16	154	746202	41.464	ng		98
46) 2-Chloronaphthalene	9.19	162	593546	41.285	ng		100
47) 2-Nitroaniline	9.29	65	186313	45.709	ng		95
48) Acenaphthylene	9.60	152	886977	40.896	ng		99
49) Dimethylphthalate	9.47	163	678098	42.209	ng		99
50) 2,6-Dinitrotoluene	9.53	165	150663	47.352	ng		91
51) Acenaphthene	9.77	154	516224	39.368	ng		100
52) 3-Nitroaniline	9.70	138	174713	47.416	ng		96
53) 2,4-Dinitrophenol	9.80	184	53350	50.762	ng	#	22
54) Dibenzofuran	9.95	168	787225	40.368	ng		96
55) 4-Nitrophenol	9.87	139	117642	42.382	ng		92
56) 2,4-Dinitrotoluene	9.93	165	190145	47.231	ng	#	95
57) Fluorene	10.29	166	573264	41.200	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.07	232	178435	47.296	ng		88
59) Diethylphthalate	10.16	149	676681	41.595	ng		98
60) 4-Chlorophenyl-phenylether	10.28	204	303584	41.773	ng		92
61) 4-Nitroaniline	10.31	138	172872	48.108	ng		97
62) Azobenzene	10.44	77	671342	39.719	ng		94
64) 4,6-Dinitro-2-methylphenol	10.35	198	87453	50.516	ng		86
65) n-Nitrosodiphenylamine	10.40	169	591958	41.746	ng		95
66) 4-Bromophenyl-phenylether	10.76	248	204031	42.811	ng		92
67) Hexachlorobenzene	10.83	284	217793	43.028	ng		93
68) Atrazine	10.93	200	178665	40.969	ng		97
69) Pentachlorophenol	11.03	266	136015	44.898	ng		100
70) Phenanthrene	11.24	178	884969	41.298	ng		99
71) Anthracene	11.29	178	901089	41.459	ng		100
72) Carbazole	11.45	167	884086	40.883	ng		100
73) Di-n-butylphthalate	11.78	149	1052808	42.291	ng		99
74) Fluoranthene	12.43	202	944732	41.254	ng		94
76) Benzidine	12.55	184	412078	35.498	ng		99
77) Pyrene	12.65	202	963144	41.740	ng		99
79) Butylbenzylphthalate	13.27	149	436207	44.433	ng		95
80) Benzo(a)anthracene	13.84	228	740629	38.190	ng		99
81) 3,3'-Dichlorobenzidine	13.80	252	314692	42.698	ng		98
82) Chrysene	13.87	228	767123	39.909	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	527395	42.597	ng		99
84) Di-n-octyl phthalate	14.44	149	901485	42.585	ng		98
85) Indeno(1,2,3-cd)pyrene	16.61	276	580256	37.243	ng	#	93
87) Benzo(b)fluoranthene	14.85	252	636063	41.915	ng		98
88) Benzo(k)fluoranthene	14.88	252	630793	43.806	ng	#	96
89) Benzo(a)pyrene	15.19	252	582341	42.588	ng		98
90) Dibenzo(a,h)anthracene	16.62	278	484328	43.174	ng	#	95
91) Benzo(g,h,i)perylene	17.01	276	481067	43.634	ng	#	91

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

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