Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF100318\
Data File : BF109567.D
Acq On : 4 Oct 2018 1:26
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED

Quant Time: Oct 04 03:32:30 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

Sohil

10/4/2018 11:44:33 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	77869	20.00	ng		0.00
21) Naphthalene-d8	7.99	136	283154	20.00	ng		0.00
38) Acenaphthene-d10	9.73	164	115116	20.00	ng		0.00
63) Phenanthrene-d10	11.22	188	219029	20.00	ng		0.00
75) Chrysene-d12	13.84	240	201776	20.00	ng		0.00
86) Perylene-d12	15.24	264	148477	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.32	112	390860	82.67	ng		0.00
7) Phenol-d6	6.35	99	477415	79.14	ng		0.00
23) Nitrobenzene-d5	7.27	82	415754	86.68	ng		-0.01
41) 2,4,6-Tribromophenol	10.52	330	96652	85.17	ng		-0.01
44) 2-Fluorobiphenyl	9.06	172	719555	94.27	ng		-0.01
78) Terphenyl-d14	12.79	244	622077	75.66	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	85205	39.132	ng		92
3) Pyridine	3.06	79	196650	35.091	ng		88
4) n-Nitrosodimethylamine	2.99	42	74397	31.195	ng		97
6) Aniline	6.37	93	284370	36.844	ng	#	61
8) 2-Chlorophenol	6.49	128	214848	40.866	ng		97
9) Benzaldehyde	6.25	77	137910	35.586	ng		99
10) Phenol	6.36	94	260164	38.081	ng	#	65
11) bis(2-Chloroethyl)ether	6.45	93	189039	35.362	ng		94
12) 1,3-Dichlorobenzene	6.65	146	242875	40.124	ng		98
13) 1,4-Dichlorobenzene	6.72	146	260169	42.663	ng		99
14) 1,2-Dichlorobenzene	6.87	146	224485	39.905	ng		99
15) Benzyl Alcohol	6.85	79	164610	35.647	ng		95
16) 2,2'-oxybis(1-Chloropropan	6.99	45	277978	36.659	ng		81
17) 2-Methylphenol	6.97	107	161133	37.879	ng		95
18) Hexachloroethane	7.22	117	66769	31.077	ng		97
19) n-Nitroso-di-n-propylamine	7.12	70	145850	36.896	ng		99
20) 3+4-Methylphenols	7.12	107	200682	39.074	ng	#	64
22) Acetophenone	7.12	105	279626	42.714	ng		98
24) Nitrobenzene	7.29	77	212070	41.581	ng		97
25) Isophorone	7.53	82	333664	38.630	ng		98
26) 2-Nitrophenol	7.60	139	77115	38.234	ng		97
27) 2,4-Dimethylphenol	7.65	122	147760	39.260	ng		97
28) bis(2-Chloroethoxy)methane	7.74	93	236513	41.365	ng		99
29) 2,4-Dichlorophenol	7.85	162	159868	40.429	ng		98
30) 1,2,4-Trichlorobenzene	7.93	180	178559	40.411	ng		95
31) Naphthalene	8.01	128	507664	38.367	ng		99
32) Benzoic acid	7.76	122	68853	29.906	ng		96
33) 4-Chloroaniline	8.06	127	229258	39.662	ng		97
34) Hexachlorobutadiene	8.13	225	113517	42.616	ng		97
35) Caprolactam	8.42	113	43201	34.219	ng	#	86
36) 4-Chloro-3-methylphenol	8.55	107	154679	37.173	ng		97
37) 2-Methylnaphthalene	8.70	142	317179	37.185	ng		97
39) 1,2,4,5-Tetrachlorobenzene	8.87	216	167049	45.597	ng	#	97
42) 2,4,6-Trichlorophenol	8.98	196	97319	41.389	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,5-Trichlorophenol	9.02	196	104419	42.048	ng		97
45) 1,1'-Biphenyl	9.16	154	403732	43.045	ng		97
46) 2-Chloronaphthalene	9.19	162	314928	42.030	ng		97
47) 2-Nitroaniline	9.28	65	98419	46.329	ng		93
48) Acenaphthylene	9.60	152	449653	39.780	ng		99
49) Dimethylphthalate	9.46	163	358771	42.850	ng		99
50) 2,6-Dinitrotoluene	9.52	165	64981	39.186	ng		99
51) Acenaphthene	9.77	154	264092	38.643	ng		99
52) 3-Nitroaniline	9.69	138	91230	47.506	ng		98
53) 2,4-Dinitrophenol	9.82	184	111	8.670	ng	#	1
54) Dibenzofuran	9.94	168	398677	39.226	ng		98
55) 4-Nitrophenol	9.86	139	45380	31.369	ng		92
56) 2,4-Dinitrotoluene	9.93	165	74349	35.435	ng	#	99
57) Fluorene	10.28	166	286233	39.471	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.06	232	81496	41.447	ng	#	89
59) Diethylphthalate	10.16	149	344023	40.575	ng		97
60) 4-Chlorophenyl-phenylether	10.27	204	154771	40.862	ng		96
61) 4-Nitroaniline	10.30	138	89722	47.908	ng		98
62) Azobenzene	10.43	77	322079	36.562	ng		95
64) 4,6-Dinitro-2-methylphenol	10.34	198	2127	8.616	ng		95
65) n-Nitrosodiphenylamine	10.39	169	286267	39.558	ng		96
66) 4-Bromophenyl-phenylether	10.76	248	97649	40.148	ng	#	87
67) Hexachlorobenzene	10.83	284	104384	40.409	ng	#	87
68) Atrazine	10.92	200	76827	34.519	ng		99
69) Pentachlorophenol	11.03	266	61854	40.007	ng		98
70) Phenanthrene	11.24	178	428636	39.195	ng		99
71) Anthracene	11.29	178	459889	41.461	ng		99
72) Carbazole	11.44	167	458011	41.501	ng		99
73) Di-n-butylphthalate	11.78	149	529764	41.698	ng		99
74) Fluoranthene	12.42	202	514832	44.051	ng		95
76) Benzidine	12.54	184	354238	48.693	ng		99
77) Pyrene	12.64	202	541830	37.468	ng		99
79) Butylbenzylphthalate	13.27	149	251918	40.947	ng		97
80) Benzo(a)anthracene	13.83	228	435032	35.795	ng		99
81) 3,3'-Dichlorobenzidine	13.79	252	201750	43.679	ng		98
82) Chrysene	13.87	228	447934	37.185	ng		99
83) Bis(2-ethylhexyl)phthalate	13.83	149	337663	43.519	ng		98
84) Di-n-octyl phthalate	14.43	149	596646	44.974	ng		98
85) Indeno(1,2,3-cd)pyrene	16.60	276	294392	30.151	ng	#	92
87) Benzo(b)fluoranthene	14.85	252	342541m	41.985	ng		
88) Benzo(k)fluoranthene	14.87	252	316891	40.932	ng	#	96
89) Benzo(a)pyrene	15.19	252	291762	39.686	ng		98
90) Dibenzo(a,h)anthracene	16.61	278	240914	39.944	ng	#	94
91) Benzo(g,h,i)perylene	17.00	276	238925	40.307	ng	#	91

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

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