Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF070819\
Data File : BF115411.D
Acq On : 8 Jul 2019 17:51
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Jul 09 01:26:47 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF070519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 05 14:57:35 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.90	152	178378	20.00	ng		0.00
21) Naphthalene-d8	8.18	136	750704	20.00	ng		0.00
39) Acenaphthene-d10	9.93	164	377855	20.00	ng		0.00
64) Phenanthrene-d10	11.42	188	725608	20.00	ng		0.00
76) Chrysene-d12	14.06	240	538060	20.00	ng		-0.01
87) Perylene-d12	15.53	264	541708	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.52	112	886633	76.80	ng		0.00
7) Phenol-d6	6.52	99	1141256	77.73	ng		0.00
23) Nitrobenzene-d5	7.46	82	1038049	81.70	ng		0.00
42) 2,4,6-Tribromophenol	10.72	330	350091	83.80	ng		0.00
45) 2-Fluorobiphenyl	9.26	172	1789824	83.12	ng		0.00
79) Terphenyl-d14	13.00	244	2058785	78.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.70	88	216255	38.188	ng		99
3) Pyridine	3.46	79	606981	38.762	ng		98
4) n-Nitrosodimethylamine	3.40	42	235811	37.136	ng		98
6) Aniline	6.56	93	794720	38.354	ng		99
8) 2-Chlorophenol	6.68	128	515034	39.507	ng		98
9) Benzaldehyde	6.45	77	347058	41.215	ng		99
10) Phenol	6.53	94	633001	36.031	ng		99
11) bis(2-Chloroethyl)ether	6.63	93	503386	38.624	ng		99
12) 1,3-Dichlorobenzene	6.84	146	561756	39.332	ng		100
13) 1,4-Dichlorobenzene	6.92	146	560660	39.190	ng		100
14) 1,2-Dichlorobenzene	7.07	146	530110	40.022	ng		99
15) Benzyl Alcohol	7.03	79	456654	38.757	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.17	45	697714	38.287	ng		100
17) 2-Methylphenol	7.15	107	425478	38.097	ng		99
18) Hexachloroethane	7.42	117	210512	39.500	ng		98
19) n-Nitroso-di-n-propylamine	7.31	70	377326	37.984	ng		98
20) 3+4-Methylphenols	7.30	107	523706	39.697	ng		98
22) Acetophenone	7.30	105	696767	38.734	ng	#	99
24) Nitrobenzene	7.47	77	568375	39.610	ng		99
25) Isophorone	7.72	82	1029270	37.373	ng		99
26) 2-Nitrophenol	7.79	139	271329	45.993	ng		97
27) 2,4-Dimethylphenol	7.83	122	417646	37.127	ng		99
28) bis(2-Chloroethoxy)methane	7.93	93	648504	38.187	ng		99
29) 2,4-Dichlorophenol	8.03	162	440285	39.296	ng		99
30) 1,2,4-Trichlorobenzene	8.12	180	489000	39.204	ng		99
31) Naphthalene	8.20	128	1458568	39.117	ng		100
32) Benzoic acid	7.94	122	305482	38.626	ng		97
33) 4-Chloroaniline	8.25	127	645300	38.787	ng		99
34) Hexachlorobutadiene	8.32	225	283933	40.139	ng		99
35) Caprolactam	8.62	113	140273	38.440	ng		90
36) 4-Chloro-3-methylphenol	8.72	107	462423	39.019	ng		99
37) 2-Methylnaphthalene	8.89	142	977836	39.234	ng		100
38) 1-Methylnaphthalene	8.99	142	941781	39.604	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.06	216	444237	40.867	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.05	237	253878	40.296	ng		99
43) 2,4,6-Trichlorophenol	9.16	196	314930	39.794	ng		100
44) 2,4,5-Trichlorophenol	9.20	196	336037	40.949	ng		99
46) 1,1'-Biphenyl	9.36	154	1183990	39.858	ng		98
47) 2-Chloronaphthalene	9.38	162	977723	39.825	ng		100
48) 2-Nitroaniline	9.47	65	308844	42.818	ng		97
49) Acenaphthylene	9.80	152	1453543	39.104	ng		100
50) Dimethylphthalate	9.66	163	1110088	39.142	ng		99
51) 2,6-Dinitrotoluene	9.71	165	251550	40.897	ng		94
52) Acenaphthene	9.97	154	935814	40.003	ng		99
53) 3-Nitroaniline	9.88	138	292056	40.882	ng		98
54) 2,4-Dinitrophenol	9.98	184	112130	46.816	ng	#	77
55) Dibenzofuran	10.14	168	1307087	39.665	ng		98
56) 4-Nitrophenol	10.03	139	230572	41.717	ng		99
57) 2,4-Dinitrotoluene	10.12	165	334497	42.792	ng		93
58) Fluorene	10.48	166	966783	37.216	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.26	232	286149	40.365	ng		99
60) Diethylphthalate	10.35	149	1104543	39.568	ng		99
61) 4-Chlorophenyl-phenylether	10.47	204	503258	39.692	ng		97
62) 4-Nitroaniline	10.49	138	283866	40.482	ng		99
63) Azobenzene	10.63	77	1107739	38.496	ng		98
65) 4,6-Dinitro-2-methylphenol	10.52	198	152890	44.657	ng		100
66) n-Nitrosodiphenylamine	10.59	169	904938	39.582	ng		99
67) 4-Bromophenyl-phenylether	10.96	248	327328	40.203	ng		97
68) Hexachlorobenzene	11.03	284	372057	40.723	ng		99
69) Atrazine	11.12	200	294614	41.639	ng		99
70) Pentachlorophenol	11.22	266	231207	41.525	ng		98
71) Phenanthrene	11.45	178	1507370	39.500	ng		99
72) Anthracene	11.49	178	1535737	40.132	ng		99
73) Carbazole	11.65	167	1376594	39.321	ng		100
74) Di-n-butylphthalate	11.97	149	1702743	40.245	ng		100
75) Fluoranthene	12.63	202	1577645	39.264	ng		99
77) Benzidine	12.74	184	786105	37.465	ng		99
78) Pyrene	12.86	202	1623469	38.800	ng		100
80) Butylbenzylphthalate	13.47	149	742816	40.632	ng		88
81) Benzo(a)anthracene	14.04	228	1382945	40.114	ng		99
82) 3,3'-Dichlorobenzidine	14.00	252	512735	40.987	ng		98
83) Chrysene	14.08	228	1383916	39.069	ng		100
84) Bis(2-ethylhexyl)phthalate	14.03	149	943252	41.663	ng		99
85) Di-n-octyl phthalate	14.65	149	1633823	40.537	ng		99
86) Indeno(1,2,3-cd)pyrene	17.02	276	1203777	40.964	ng	#	100
88) Benzo(b)fluoranthene	15.10	252	1348936	38.246	ng		100
89) Benzo(k)fluoranthene	15.13	252	1205259	38.424	ng		99
90) Benzo(a)pyrene	15.47	252	1178713	38.747	ng		100
91) Dibenzo(a,h)anthracene	17.03	278	997362	38.367	ng		98
92) Benzo(g,h,i)perylene	17.46	276	933295	37.931	ng		99

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

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