Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108078.D
Acq On : 10 Aug 2018 12:36
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 10 14:53:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	306386	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	1186865	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	602211	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	1201000	20.00	ng		0.00
75) Chrysene-d12	14.22	240	986916	20.00	ng		0.00
86) Perylene-d12	15.79	264	880773	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1354249	80.02	ng		0.00
7) Phenol-d6	6.64	99	1807759	80.39	ng		0.00
23) Nitrobenzene-d5	7.58	82	1719711	80.85	ng		0.00
41) 2,4,6-Tribromophenol	10.86	330	518428	86.31	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2926503	78.02	ng		0.00
78) Terphenyl-d14	13.15	244	2961403	76.29	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	344772	39.649	ng		90
3) Pyridine	3.68	79	894279	39.923	ng	#	84
4) n-Nitrosodimethylamine	3.65	42	477804	37.908	ng		83
6) Aniline	6.68	93	1249260	40.840	ng		96
8) 2-Chlorophenol	6.80	128	779468	40.895	ng		94
9) Benzaldehyde	6.57	77	688833	39.507	ng		96
10) Phenol	6.65	94	933935	40.149	ng		93
11) bis(2-Chloroethyl)ether	6.75	93	763366	40.591	ng		91
12) 1,3-Dichlorobenzene	6.96	146	889977	40.383	ng		99
13) 1,4-Dichlorobenzene	7.04	146	887362	40.075	ng		98
14) 1,2-Dichlorobenzene	7.19	146	817736	39.703	ng		98
15) Benzyl Alcohol	7.15	79	755227	39.892	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1508106	38.927	ng		95
17) 2-Methylphenol	7.25	107	672199	41.125	ng		95
18) Hexachloroethane	7.53	117	321271	40.755	ng		95
19) n-Nitroso-di-n-propylamine	7.42	70	591049	38.866	ng	#	87
20) 3+4-Methylphenols	7.41	107	846487	40.413	ng		96
22) Acetophenone	7.42	105	1103498	39.763	ng	#	92
24) Nitrobenzene	7.60	77	878930	40.865	ng		95
25) Isophorone	7.84	82	1603015	39.541	ng		97
26) 2-Nitrophenol	7.91	139	352971	43.456	ng	#	88
27) 2,4-Dimethylphenol	7.94	122	722550	40.157	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	950055	40.143	ng		98
29) 2,4-Dichlorophenol	8.15	162	686915	41.485	ng		96
30) 1,2,4-Trichlorobenzene	8.24	180	740543	40.564	ng		96
31) Naphthalene	8.32	128	2152063	39.871	ng		96
32) Benzoic acid	8.05	122	370489	37.041	ng		91
33) 4-Chloroaniline	8.37	127	955990	40.642	ng		95
34) Hexachlorobutadiene	8.44	225	476253	41.209	ng		98
35) Caprolactam	8.75	113	212581	40.968	ng	#	84
36) 4-Chloro-3-methylphenol	8.84	107	720473	40.334	ng		99
37) 2-Methylnaphthalene	9.02	142	1500637	39.295	ng		96
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	768932	41.579	ng		98
40) Hexachlorocyclopentadiene	9.17	237	529182	44.302	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	503837	43.903	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	555195	43.948	ng	#	93
45) 1,1'-Biphenyl	9.48	154	1778818	40.063	ng		98
46) 2-Chloronaphthalene	9.51	162	1430394	40.760	ng		97
47) 2-Nitroaniline	9.60	65	493793	43.488	ng		84
48) Acenaphthylene	9.93	152	2220764	40.029	ng		95
49) Dimethylphthalate	9.78	163	1664179	39.672	ng	#	97
50) 2,6-Dinitrotoluene	9.84	165	374953	42.722	ng	#	86
51) Acenaphthene	10.10	154	1390369	40.916	ng		98
52) 3-Nitroaniline	10.02	138	411631	42.866	ng		97
53) 2,4-Dinitrophenol	10.12	184	132037	43.692	ng	#	22
54) Dibenzofuran	10.28	168	1953911	39.689	ng		96
55) 4-Nitrophenol	10.16	139	305988	42.080	ng		83
56) 2,4-Dinitrotoluene	10.25	165	500063	44.265	ng	#	93
57) Fluorene	10.62	166	1555967	39.925	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.39	232	458527	43.425	ng		87
59) Diethylphthalate	10.48	149	1615238	39.764	ng	#	94
60) 4-Chlorophenyl-phenylether	10.61	204	817598	40.262	ng		93
61) 4-Nitroaniline	10.64	138	415333	43.747	ng		95
62) Azobenzene	10.77	77	1658517	39.535	ng		92
64) 4,6-Dinitro-2-methylphenol	10.66	198	188171	42.432	ng		92
65) n-Nitrosodiphenylamine	10.72	169	1438913	40.543	ng		98
66) 4-Bromophenyl-phenylether	11.10	248	533592	40.883	ng	#	88
67) Hexachlorobenzene	11.17	284	557282	40.581	ng	#	86
68) Atrazine	11.25	200	500564	42.051	ng		97
69) Pentachlorophenol	11.36	266	276276	42.032	ng		96
70) Phenanthrene	11.59	178	2256177	39.829	ng		96
71) Anthracene	11.64	178	2315048	39.874	ng		95
72) Carbazole	11.80	167	2060672	39.948	ng		96
73) Di-n-butylphthalate	12.11	149	2384861	40.817	ng	#	97
74) Fluoranthene	12.78	202	2447503	39.589	ng		96
76) Benzidine	12.90	184	1601027	43.419	ng		97
77) Pyrene	13.02	202	2447527	39.172	ng		94
79) Butylbenzylphthalate	13.62	149	1082484	43.630	ng	#	97
80) Benzo(a)anthracene	14.21	228	2294749	40.515	ng		96
81) 3,3'-Dichlorobenzidine	14.17	252	882224	43.464	ng	#	95
82) Chrysene	14.25	228	2054647	39.569	ng		96
83) Bis(2-ethylhexyl)phthalate	14.18	149	1426835	42.468	ng		97
84) Di-n-octyl phthalate	14.81	149	2344188	45.749	ng	#	94
85) Indeno(1,2,3-cd)pyrene	17.41	276	1785038	39.675	ng	#	92
87) Benzo(b)fluoranthene	15.31	252	2120155	40.284	ng		97
88) Benzo(k)fluoranthene	15.35	252	1952377	40.355	ng	#	96
89) Benzo(a)pyrene	15.72	252	1915915	40.653	ng		96
90) Dibenzo(a,h)anthracene	17.43	278	1497296	38.398	ng	#	94
91) Benzo(g,h,i)perylene	17.91	276	1430173	37.247	ng	#	91

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

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