Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082018\
Data File : BF108290.D
Acq On : 20 Aug 2018 15:19
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 20 16:46:09 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	256724	20.00	ng		0.00
21) Naphthalene-d8	8.31	136	991294	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	505087	20.00	ng		0.00
63) Phenanthrene-d10	11.56	188	991514	20.00	ng		0.00
75) Chrysene-d12	14.22	240	734824	20.00	ng		0.00
86) Perylene-d12	15.78	264	552064	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	1078652	76.07	ng		0.01
7) Phenol-d6	6.64	99	1439127	76.37	ng		0.01
23) Nitrobenzene-d5	7.59	82	1382351	77.81	ng		0.01
41) 2,4,6-Tribromophenol	10.87	330	433834	86.11	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2426209	77.12	ng		0.00
78) Terphenyl-d14	13.15	244	2406076	83.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.92	88	254379	34.912	ng		91
3) Pyridine	3.70	79	677649	36.104	ng		91
4) n-Nitrosodimethylamine	3.67	42	354294	33.546	ng	#	85
6) Aniline	6.69	93	990559	38.647	ng		96
8) 2-Chlorophenol	6.81	128	620748	38.868	ng		97
9) Benzaldehyde	6.58	77	517922	35.451	ng		99
10) Phenol	6.66	94	751468	38.554	ng		92
11) bis(2-Chloroethyl)ether	6.75	93	594043	37.698	ng		93
12) 1,3-Dichlorobenzene	6.96	146	709861	38.441	ng		98
13) 1,4-Dichlorobenzene	7.04	146	710006	38.268	ng		98
14) 1,2-Dichlorobenzene	7.19	146	654748	37.939	ng		99
15) Benzyl Alcohol	7.16	79	543656	34.271	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1104183	34.014	ng		99
17) 2-Methylphenol	7.26	107	553279	40.398	ng		95
18) Hexachloroethane	7.53	117	257622	39.002	ng		93
19) n-Nitroso-di-n-propylamine	7.43	70	459799	36.084	ng		92
20) 3+4-Methylphenols	7.42	107	655353	37.340	ng	#	84
22) Acetophenone	7.43	105	867280	37.417	ng	#	95
24) Nitrobenzene	7.61	77	688632	38.334	ng		96
25) Isophorone	7.84	82	1287173	38.014	ng		98
26) 2-Nitrophenol	7.92	139	307283	45.295	ng		96
27) 2,4-Dimethylphenol	7.95	122	579694	38.574	ng		98
28) bis(2-Chloroethoxy)methane	8.04	93	759197	38.408	ng		98
29) 2,4-Dichlorophenol	8.16	162	553020	39.987	ng		97
30) 1,2,4-Trichlorobenzene	8.24	180	593693	38.936	ng		98
31) Naphthalene	8.32	128	1726135	38.289	ng		98
32) Benzoic acid	8.07	122	266917	32.772	ng		90
33) 4-Chloroaniline	8.37	127	757460	38.554	ng		97
34) Hexachlorobutadiene	8.43	225	378817	39.245	ng		99
35) Caprolactam	8.76	113	172239	39.742	ng	#	85
36) 4-Chloro-3-methylphenol	8.85	107	576648	38.651	ng		97
37) 2-Methylnaphthalene	9.02	142	1209130	37.909	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	615452	39.679	ng		98
40) Hexachlorocyclopentadiene	9.17	237	342597	34.196	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.30	196	401443	41.708	ng		98
43) 2,4,5-Trichlorophenol	9.34	196	451839	42.644	ng	#	93
45) 1,1'-Biphenyl	9.48	154	1446629	38.846	ng		98
46) 2-Chloronaphthalene	9.51	162	1149221	39.045	ng		98
47) 2-Nitroaniline	9.61	65	393789	41.349	ng		91
48) Acenaphthylene	9.93	152	1801510	38.716	ng		98
49) Dimethylphthalate	9.78	163	1364493	38.782	ng	#	99
50) 2,6-Dinitrotoluene	9.85	165	303911	41.286	ng		97
51) Acenaphthene	10.10	154	1122596	39.389	ng		98
52) 3-Nitroaniline	10.02	138	329689	40.935	ng		98
53) 2,4-Dinitrophenol	10.12	184	111534	43.954	ng	#	21
54) Dibenzofuran	10.27	168	1581333	38.297	ng		95
55) 4-Nitrophenol	10.17	139	240372	39.413	ng		86
56) 2,4-Dinitrotoluene	10.25	165	406907	42.945	ng	#	98
57) Fluorene	10.62	166	1267408	38.775	ng		98
58) 2,3,4,6-Tetrachlorophenol	10.39	232	382217	43.159	ng	#	85
59) Diethylphthalate	10.48	149	1290834	37.888	ng		95
60) 4-Chlorophenyl-phenylether	10.60	204	652015	38.282	ng		96
61) 4-Nitroaniline	10.64	138	337853	42.429	ng		95
62) Azobenzene	10.77	77	1310832	37.256	ng		93
64) 4,6-Dinitro-2-methylphenol	10.67	198	157659	42.983	ng		90
65) n-Nitrosodiphenylamine	10.72	169	1149237	39.223	ng		98
66) 4-Bromophenyl-phenylether	11.09	248	432749	40.162	ng	#	89
67) Hexachlorobenzene	11.17	284	449322	39.633	ng	#	90
68) Atrazine	11.25	200	391994	39.888	ng		96
69) Pentachlorophenol	11.36	266	216338	39.867	ng		97
70) Phenanthrene	11.59	178	1800684	38.504	ng		98
71) Anthracene	11.64	178	1867851	38.969	ng		97
72) Carbazole	11.79	167	1649784	38.740	ng		99
73) Di-n-butylphthalate	12.11	149	1902038	39.431	ng		98
74) Fluoranthene	12.78	202	1969859	38.595	ng		96
76) Benzidine	12.90	184	1134668	41.329	ng		99
77) Pyrene	13.02	202	1950550	41.927	ng		97
79) Butylbenzylphthalate	13.61	149	822390	44.518	ng		96
80) Benzo(a)anthracene	14.21	228	1684506	39.944	ng		98
81) 3,3'-Dichlorobenzidine	14.17	252	576821	38.167	ng	#	97
82) Chrysene	14.25	228	1543989	39.935	ng		97
83) Bis(2-ethylhexyl)phthalate	14.17	149	1009108	40.338	ng		99
84) Di-n-octyl phthalate	14.79	149	1548293	40.582	ng		97
85) Indeno(1,2,3-cd)pyrene	17.41	276	1188700	35.484	ng	#	91
87) Benzo(b)fluoranthene	15.31	252	1290968	39.134	ng	#	96
88) Benzo(k)fluoranthene	15.35	252	1254297	41.363	ng	#	95
89) Benzo(a)pyrene	15.72	252	1168358	39.552	ng	#	97
90) Dibenzo(a,h)anthracene	17.43	278	1000799	40.947	ng	#	94
91) Benzo(g,h,i)perylene	17.91	276	989182	41.101	ng	#	90

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

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