Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108552.D
Acq On : 28 Aug 2018 13:47
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 28 14:30:06 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 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	121164	20.00	ng		0.00
21) Naphthalene-d8	8.29	136	475962	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	245232	20.00	ng		0.00
63) Phenanthrene-d10	11.55	188	499410	20.00	ng		0.00
75) Chrysene-d12	14.21	240	382176	20.00	ng		0.00
86) Perylene-d12	15.76	264	296995	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	584610	87.35	ng		0.01
7) Phenol-d6	6.65	99	736687	82.84	ng		0.02
23) Nitrobenzene-d5	7.57	82	714046	83.71	ng		0.00
41) 2,4,6-Tribromophenol	10.85	330	229591	93.86	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1343520	87.96	ng		0.00
78) Terphenyl-d14	13.13	244	1361406	90.57	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.88	88	125281	36.431	ng		90
3) Pyridine	3.68	79	318536	35.959	ng		86
4) n-Nitrosodimethylamine	3.64	42	175707	35.250	ng		81
6) Aniline	6.67	93	485405	40.126	ng	#	79
8) 2-Chlorophenol	6.80	128	314700	41.751	ng		95
9) Benzaldehyde	6.56	77	254962	36.977	ng		95
10) Phenol	6.66	94	402825	43.789	ng		76
11) bis(2-Chloroethyl)ether	6.74	93	297532	40.006	ng		92
12) 1,3-Dichlorobenzene	6.94	146	363994	41.765	ng		99
13) 1,4-Dichlorobenzene	7.02	146	363845	41.552	ng		99
14) 1,2-Dichlorobenzene	7.17	146	338034	41.502	ng		99
15) Benzyl Alcohol	7.15	79	295364	39.451	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	551453	35.993	ng		66
17) 2-Methylphenol	7.26	107	260838	40.353	ng	#	86
18) Hexachloroethane	7.51	117	130201	41.765	ng	#	89
19) n-Nitroso-di-n-propylamine	7.41	70	233093	38.758	ng		89
20) 3+4-Methylphenols	7.41	107	328248	39.628	ng	#	50
22) Acetophenone	7.41	105	448116	40.265	ng	#	86
24) Nitrobenzene	7.59	77	352394	40.856	ng		95
25) Isophorone	7.82	82	645321	39.693	ng		98
26) 2-Nitrophenol	7.90	139	162989	50.038	ng		89
27) 2,4-Dimethylphenol	7.94	122	277024	38.392	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	380043	40.043	ng		99
29) 2,4-Dichlorophenol	8.15	162	284086	42.782	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	300599	41.059	ng		96
31) Naphthalene	8.31	128	908059	41.951	ng		99
32) Benzoic acid	8.07	122	164446	40.360	ng		95
33) 4-Chloroaniline	8.36	127	387992	41.131	ng		97
34) Hexachlorobutadiene	8.41	225	196477	42.393	ng		98
35) Caprolactam	8.74	113	84744	40.725	ng	#	82
36) 4-Chloro-3-methylphenol	8.84	107	296201	41.349	ng		96
37) 2-Methylnaphthalene	9.00	142	629004	41.072	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	317416	42.149	ng		98
40) Hexachlorocyclopentadiene	9.15	237	218839	44.989	ng		96

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	208715	44.662 ng		97
43) 2,4,5-Trichlorophenol	9.32	196	225608	43.855 ng		96
45) 1,1'-Biphenyl	9.47	154	760326	42.051 ng		98
46) 2-Chloronaphthalene	9.50	162	597255	41.794 ng		97
47) 2-Nitroaniline	9.60	65	203252	43.957 ng		85
48) Acenaphthylene	9.91	152	950967	42.093 ng		99
49) Dimethylphthalate	9.76	163	708912	41.500 ng		99
50) 2,6-Dinitrotoluene	9.83	165	155738	43.575 ng		90
51) Acenaphthene	10.08	154	548608	39.646 ng		98
52) 3-Nitroaniline	10.01	138	168292	43.037 ng		93
53) 2,4-Dinitrophenol	10.12	184	58889	47.185 ng	#	21
54) Dibenzofuran	10.25	168	835764	41.689 ng		96
55) 4-Nitrophenol	10.19	139	120505	40.695 ng		89
56) 2,4-Dinitrotoluene	10.24	165	207302	45.062 ng	#	99
57) Fluorene	10.60	166	680336	42.869 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.38	232	187781	43.672 ng		88
59) Diethylphthalate	10.46	149	685434	41.437 ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	343176	41.499 ng		94
61) 4-Nitroaniline	10.64	138	175742	45.457 ng		95
62) Azobenzene	10.75	77	692137	40.516 ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	82977	44.673 ng		87
65) n-Nitrosodiphenylamine	10.71	169	603879	40.919 ng		96
66) 4-Bromophenyl-phenylether	11.08	248	222669	41.028 ng	#	89
67) Hexachlorobenzene	11.15	284	233277	40.852 ng	#	89
68) Atrazine	11.24	200	209817	42.388 ng		95
69) Pentachlorophenol	11.35	266	114935	42.051 ng		98
70) Phenanthrene	11.57	178	991263	42.082 ng		99
71) Anthracene	11.62	178	1022592	42.356 ng		100
72) Carbazole	11.78	167	896023	41.773 ng		99
73) Di-n-butylphthalate	12.09	149	1052004	43.299 ng		100
74) Fluoranthene	12.77	202	1085124	42.210 ng		96
76) Benzidine	12.89	184	620183	43.433 ng		98
77) Pyrene	13.00	202	1074156	44.394 ng		99
79) Butylbenzylphthalate	13.60	149	437309	45.516 ng	#	95
80) Benzo(a)anthracene	14.19	228	903093	41.175 ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	325354	41.393 ng	#	97
82) Chrysene	14.23	228	831489	41.351 ng		99
83) Bis(2-ethylhexyl)phthalate	14.15	149	551184	42.364 ng		100
84) Di-n-octyl phthalate	14.77	149	830138	41.836 ng		96
85) Indeno(1,2,3-cd)pyrene	17.39	276	660997	37.939 ng	#	90
87) Benzo(b)fluoranthene	15.29	252	714517	40.262 ng	#	96
88) Benzo(k)fluoranthene	15.32	252	680722	41.727 ng	#	96
89) Benzo(a)pyrene	15.69	252	659673	41.511 ng	#	96
90) Dibenzo(a,h)anthracene	17.40	278	557585	42.406 ng	#	93
91) Benzo(g,h,i)perylene	17.89	276	555223	42.883 ng	#	88

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

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