Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082818\
Data File : BF108576.D
Acq On : 29 Aug 2018 1:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 29 01:38:35 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	106936	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	399679	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	172450	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	300474	20.00	ng		0.00
75) Chrysene-d12	14.20	240	313503	20.00	ng		0.00
86) Perylene-d12	15.75	264	251946	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	498269	84.36	ng		0.00
7) Phenol-d6	6.64	99	648531	82.63	ng		0.00
23) Nitrobenzene-d5	7.57	82	617935	86.27	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	141233	82.11	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1067890	99.42	ng		0.00
78) Terphenyl-d14	13.12	244	953280	77.31	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	118215	38.950	ng		93
3) Pyridine	3.67	79	278283	35.594	ng	#	84
4) n-Nitrosodimethylamine	3.64	42	154085	35.025	ng		84
6) Aniline	6.67	93	415850	38.950	ng	#	88
8) 2-Chlorophenol	6.80	128	275528	41.418	ng		99
9) Benzaldehyde	6.56	77	233949	38.444	ng		97
10) Phenol	6.65	94	343754	42.340	ng		88
11) bis(2-Chloroethyl)ether	6.74	93	243205	37.052	ng		93
12) 1,3-Dichlorobenzene	6.94	146	317724	41.306	ng		99
13) 1,4-Dichlorobenzene	7.02	146	334927	43.338	ng		98
14) 1,2-Dichlorobenzene	7.17	146	305739	42.531	ng		98
15) Benzyl Alcohol	7.14	79	245465	37.148	ng		93
16) 2,2'-oxybis(1-Chloropropan	7.27	45	484752	35.849	ng		80
17) 2-Methylphenol	7.25	107	223843	39.237	ng	#	90
18) Hexachloroethane	7.51	117	107344	39.015	ng		95
19) n-Nitroso-di-n-propylamine	7.41	70	200662	37.805	ng		93
20) 3+4-Methylphenols	7.41	107	278742	38.128	ng	#	50
22) Acetophenone	7.41	105	395221	42.290	ng	#	91
24) Nitrobenzene	7.59	77	304425	42.031	ng		97
25) Isophorone	7.82	82	517137	37.880	ng		96
26) 2-Nitrophenol	7.90	139	128727	47.062	ng		92
27) 2,4-Dimethylphenol	7.93	122	237988	39.277	ng		96
28) bis(2-Chloroethoxy)methane	8.02	93	322539	40.470	ng		99
29) 2,4-Dichlorophenol	8.14	162	228507	40.980	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	252809	41.122	ng		95
31) Naphthalene	8.31	128	757026	41.649	ng		99
32) Benzoic acid	8.04	122	91460	28.749	ng		97
33) 4-Chloroaniline	8.36	127	313691	39.601	ng		98
34) Hexachlorobutadiene	8.41	225	163092	41.906	ng		99
35) Caprolactam	8.72	113	58678	33.580	ng	#	78
36) 4-Chloro-3-methylphenol	8.84	107	219212	36.442	ng		98
37) 2-Methylnaphthalene	9.00	142	501332	38.983	ng		97
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	247897	46.810	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	39284	11.485	ng		97

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	149085	45.366 ng		98
43) 2,4,5-Trichlorophenol	9.32	196	155070	42.865 ng	#	93
45) 1,1'-Biphenyl	9.46	154	585062	46.014 ng		98
46) 2-Chloronaphthalene	9.49	162	447309	44.512 ng		99
47) 2-Nitroaniline	9.59	65	141541	43.530 ng	#	84
48) Acenaphthylene	9.91	152	684782	43.103 ng		99
49) Dimethylphthalate	9.75	163	519299	43.230 ng		99
50) 2,6-Dinitrotoluene	9.82	165	106385	42.329 ng	#	84
51) Acenaphthene	10.08	154	389183	39.995 ng		99
52) 3-Nitroaniline	10.01	138	110194	40.073 ng		98
53) 2,4-Dinitrophenol	10.11	184	6532	13.356 ng	#	36
54) Dibenzofuran	10.25	168	583759	41.408 ng		99
55) 4-Nitrophenol	10.17	139	68500	32.896 ng		87
56) 2,4-Dinitrotoluene	10.24	165	131530	40.658 ng	#	96
57) Fluorene	10.60	166	448510	40.189 ng		98
58) 2,3,4,6-Tetrachlorophenol	10.37	232	117784	38.954 ng	#	86
59) Diethylphthalate	10.45	149	477550	41.054 ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	232881	40.047 ng		90
61) 4-Nitroaniline	10.62	138	107483	39.535 ng		94
62) Azobenzene	10.74	77	459191	38.225 ng		94
64) 4,6-Dinitro-2-methylphenol	10.64	198	14423	16.717 ng		92
65) n-Nitrosodiphenylamine	10.70	169	396149	44.615 ng		96
66) 4-Bromophenyl-phenylether	11.08	248	141450	43.318 ng	#	84
67) Hexachlorobenzene	11.15	284	146670	42.690 ng	#	84
68) Atrazine	11.22	200	125052	41.990 ng		98
69) Pentachlorophenol	11.34	266	64997	39.525 ng		97
70) Phenanthrene	11.57	178	609776	43.026 ng		100
71) Anthracene	11.62	178	631181	43.453 ng		100
72) Carbazole	11.78	167	556520	43.122 ng		99
73) Di-n-butylphthalate	12.08	149	670543	45.871 ng		99
74) Fluoranthene	12.76	202	725717	46.919 ng		95
76) Benzidine	12.88	184	362260	30.927 ng		99
77) Pyrene	13.00	202	740677	37.317 ng		99
79) Butylbenzylphthalate	13.59	149	316172	40.117 ng	#	92
80) Benzo(a)anthracene	14.19	228	752104	41.802 ng		99
81) 3,3'-Dichlorobenzidine	14.15	252	279005	43.271 ng	#	96
82) Chrysene	14.22	228	698505	42.347 ng		100
83) Bis(2-ethylhexyl)phthalate	14.14	149	429683	40.260 ng		99
84) Di-n-octyl phthalate	14.77	149	807782	49.627 ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	502142	35.134 ng	#	89
87) Benzo(b)fluoranthene	15.29	252	653036	43.377 ng	#	96
88) Benzo(k)fluoranthene	15.32	252	614585	44.410 ng	#	95
89) Benzo(a)pyrene	15.69	252	569147	42.218 ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	425436	38.141 ng	#	92
91) Benzo(g,h,i)perylene	17.87	276	399348	36.359 ng	#	88

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

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