Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082918\
Data File : BF108620.D
Acq On : 29 Aug 2018 23:20
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Aug 30 01:10:59 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	114664	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	444077	20.00	ng		0.00
38) Acenaphthene-d10	10.04	164	203097	20.00	ng		-0.01
63) Phenanthrene-d10	11.54	188	334248	20.00	ng		0.00
75) Chrysene-d12	14.19	240	258459	20.00	ng		0.00
86) Perylene-d12	15.75	264	262585	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	469224	74.09	ng		0.00
7) Phenol-d6	6.63	99	649058	77.12	ng		0.00
23) Nitrobenzene-d5	7.57	82	645731	81.14	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	149614	73.85	ng		0.00
44) 2-Fluorobiphenyl	9.35	172	1188115	93.92	ng		-0.01
78) Terphenyl-d14	13.12	244	819617	80.63	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.87	88	109681	33.703	ng	#	87
3) Pyridine	3.67	79	260134	31.030	ng	#	85
4) n-Nitrosodimethylamine	3.63	42	131191	27.811	ng		81
6) Aniline	6.67	93	401793	35.097	ng	#	91
8) 2-Chlorophenol	6.79	128	285623	40.042	ng		96
9) Benzaldehyde	6.56	77	246853	37.830	ng		98
10) Phenol	6.64	94	345326	39.667	ng		88
11) bis(2-Chloroethyl)ether	6.73	93	308658	43.855	ng		93
12) 1,3-Dichlorobenzene	6.94	146	323606	39.235	ng		98
13) 1,4-Dichlorobenzene	7.02	146	353134	42.614	ng		98
14) 1,2-Dichlorobenzene	7.17	146	317977	41.253	ng		98
15) Benzyl Alcohol	7.14	79	226138	31.917	ng		94
16) 2,2'-oxybis(1-Chloropropan	7.27	45	508774	35.090	ng		85
17) 2-Methylphenol	7.25	107	232257	37.968	ng	#	91
18) Hexachloroethane	7.51	117	118195	40.063	ng		95
19) n-Nitroso-di-n-propylamine	7.41	70	204403	35.915	ng		93
20) 3+4-Methylphenols	7.40	107	295542	37.702	ng	#	82
22) Acetophenone	7.41	105	417971	40.253	ng	#	92
24) Nitrobenzene	7.58	77	325272	40.419	ng		93
25) Isophorone	7.82	82	544871	35.921	ng		98
26) 2-Nitrophenol	7.90	139	135343	44.534	ng		92
27) 2,4-Dimethylphenol	7.93	122	242915	36.082	ng		97
28) bis(2-Chloroethoxy)methane	8.02	93	344277	38.879	ng		99
29) 2,4-Dichlorophenol	8.14	162	244182	39.413	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	270561	39.610	ng		98
31) Naphthalene	8.31	128	845474	41.864	ng		99
32) Benzoic acid	8.04	122	77514	23.346	ng		97
33) 4-Chloroaniline	8.36	127	340931	38.737	ng		98
34) Hexachlorobutadiene	8.41	225	174171	40.278	ng		98
35) Caprolactam	8.73	113	59285	30.536	ng	#	83
36) 4-Chloro-3-methylphenol	8.83	107	248645	37.202	ng		97
37) 2-Methylnaphthalene	9.00	142	544067	38.077	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.16	216	277842	44.548	ng	#	97
40) Hexachlorocyclopentadiene	9.14	237	39389	9.778	ng		95

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.28	196	159461	41.201 ng		98
43) 2,4,5-Trichlorophenol	9.32	196	179890	42.223 ng		97
45) 1,1'-Biphenyl	9.46	154	656905	43.869 ng		98
46) 2-Chloronaphthalene	9.49	162	502292	42.441 ng		98
47) 2-Nitroaniline	9.59	65	162139	42.340 ng		83
48) Acenaphthylene	9.91	152	768328	41.064 ng		100
49) Dimethylphthalate	9.75	163	581466	41.101 ng		99
50) 2,6-Dinitrotoluene	9.82	165	122228	41.294 ng	#	86
51) Acenaphthene	10.08	154	449981	39.265 ng		99
52) 3-Nitroaniline	10.01	138	123408	38.106 ng		93
53) 2,4-Dinitrophenol	10.12	184	15283	19.607 ng	#	54
54) Dibenzofuran	10.25	168	662004	39.872 ng		100
55) 4-Nitrophenol	10.17	139	56678	23.112 ng		84
56) 2,4-Dinitrotoluene	10.24	165	153939	40.404 ng	#	98
57) Fluorene	10.60	166	511556	38.921 ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	140322	39.405 ng	#	79
59) Diethylphthalate	10.45	149	541216	39.507 ng		98
60) 4-Chlorophenyl-phenylether	10.58	204	268781	39.246 ng		88
61) 4-Nitroaniline	10.62	138	98444	30.746 ng		93
62) Azobenzene	10.74	77	526682	37.227 ng		93
64) 4,6-Dinitro-2-methylphenol	10.65	198	26972	24.453 ng		88
65) n-Nitrosodiphenylamine	10.70	169	455240	46.089 ng		97
66) 4-Bromophenyl-phenylether	11.07	248	163599	45.039 ng	#	89
67) Hexachlorobenzene	11.14	284	162913	42.627 ng	#	87
68) Atrazine	11.22	200	140965	42.550 ng		95
69) Pentachlorophenol	11.34	266	52773	28.849 ng		98
70) Phenanthrene	11.57	178	635699	40.323 ng		98
71) Anthracene	11.62	178	675144	41.783 ng		98
72) Carbazole	11.78	167	541439	37.715 ng		99
73) Di-n-butylphthalate	12.08	149	715554	44.004 ng		99
74) Fluoranthene	12.76	202	618477	35.946 ng		94
76) Benzidine	12.88	184	264507	27.391 ng		100
77) Pyrene	12.99	202	610050	37.282 ng		100
79) Butylbenzylphthalate	13.59	149	256897	39.538 ng		97
80) Benzo(a)anthracene	14.18	228	589303	39.729 ng		99
81) 3,3'-Dichlorobenzidine	14.14	252	209347	39.383 ng	#	96
82) Chrysene	14.22	228	562330	41.352 ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	342458	38.921 ng		98
84) Di-n-octyl phthalate	14.76	149	614433	45.788 ng		97
85) Indeno(1,2,3-cd)pyrene	17.37	276	493738	41.904 ng	#	90
87) Benzo(b)fluoranthene	15.28	252	578629	36.878 ng	#	96
88) Benzo(k)fluoranthene	15.31	252	596866	41.382 ng	#	96
89) Benzo(a)pyrene	15.68	252	561246	39.945 ng	#	96
90) Dibenzo(a,h)anthracene	17.38	278	423392	36.420 ng	#	93
91) Benzo(g,h,i)perylene	17.86	276	390042	34.073 ng	#	90

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

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