Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102518\
Data File : BF110153.D
Acq On : 25 Oct 2018 11:21
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 25 13:05:43 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF102318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 23 15:06:18 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	97481	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	434757	20.00	ng		-0.02
39) Acenaphthene-d10	10.01	164	215195	20.00	ng		-0.02
64) Phenanthrene-d10	11.50	188	441475	20.00	ng		-0.01
76) Chrysene-d12	14.16	240	416444	20.00	ng		0.00
87) Perylene-d12	15.68	264	397784	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	480586	80.28	ng		-0.02
7) Phenol-d6	6.59	99	608169	79.43	ng		-0.02
23) Nitrobenzene-d5	7.53	82	565021	77.08	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	174958	82.08	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	1086288	79.27	ng		-0.01
79) Terphenyl-d14	13.09	244	1361110	67.97	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.75	88	118154	37.673	ng		90
3) Pyridine	3.55	79	280810	40.199	ng		87
4) n-Nitrosodimethylamine	3.50	42	106891	36.524	ng	#	91
6) Aniline	6.63	93	402218	40.326	ng	#	51
8) 2-Chlorophenol	6.75	128	279569	40.509	ng		99
9) Benzaldehyde	6.52	77	179381	40.481	ng		93
10) Phenol	6.60	94	328187	40.099	ng	#	66
11) bis(2-Chloroethyl)ether	6.70	93	265717	39.462	ng		93
12) 1,3-Dichlorobenzene	6.91	146	299770	39.469	ng		97
13) 1,4-Dichlorobenzene	6.99	146	304267	39.611	ng		98
14) 1,2-Dichlorobenzene	7.14	146	287423	40.308	ng		99
15) Benzyl Alcohol	7.10	79	241273	40.971	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	430895	40.023	ng		68
17) 2-Methylphenol	7.21	107	220851	40.153	ng	#	81
18) Hexachloroethane	7.48	117	112746	40.091	ng		97
19) n-Nitroso-di-n-propylamine	7.37	70	195449	39.789	ng		96
20) 3+4-Methylphenols	7.36	107	292868	41.193	ng	#	88
22) Acetophenone	7.37	105	385094	38.441	ng	#	96
24) Nitrobenzene	7.55	77	295614	39.063	ng		94
25) Isophorone	7.79	82	474769	37.998	ng		95
26) 2-Nitrophenol	7.86	139	143229	39.773	ng		97
27) 2,4-Dimethylphenol	7.89	122	226266	37.897	ng		100
28) bis(2-Chloroethoxy)methane	7.99	93	318434	37.516	ng		98
29) 2,4-Dichlorophenol	8.10	162	235661	39.069	ng		99
30) 1,2,4-Trichlorobenzene	8.19	180	258970	38.329	ng		97
31) Naphthalene	8.27	128	773933	38.624	ng		99
32) Benzoic acid	8.00	122	170629	36.977	ng		96
33) 4-Chloroaniline	8.32	127	357663	39.661	ng		97
34) Hexachlorobutadiene	8.39	225	142819	38.070	ng		97
35) Caprolactam	8.69	113	88879	42.275	ng		98
36) 4-Chloro-3-methylphenol	8.79	107	255150	39.117	ng		94
37) 2-Methylnaphthalene	8.96	142	513080	38.701	ng		99
38) 1-Methylnaphthalene	9.06	142	502750	39.242	ng		100
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	256392	38.239	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.12	237	126175	36.802	ng		99
43) 2,4,6-Trichlorophenol	9.24	196	167564	38.746	ng		94
44) 2,4,5-Trichlorophenol	9.28	196	176853	38.687	ng		95
46) 1,1'-Biphenyl	9.43	154	754893	38.792	ng		99
47) 2-Chloronaphthalene	9.46	162	541528	37.937	ng		100
48) 2-Nitroaniline	9.55	65	172675	39.919	ng		92
49) Acenaphthylene	9.87	152	802071	38.903	ng		99
50) Dimethylphthalate	9.73	163	626864	39.462	ng		99
51) 2,6-Dinitrotoluene	9.79	165	143754	42.012	ng		88
52) Acenaphthene	10.05	154	528586	38.754	ng		97
53) 3-Nitroaniline	9.96	138	170091	41.801	ng		93
54) 2,4-Dinitrophenol	10.07	184	48749	38.750	ng	#	84
55) Dibenzofuran	10.22	168	762120	39.909	ng		97
56) 4-Nitrophenol	10.12	139	132704	44.064	ng		84
57) 2,4-Dinitrotoluene	10.20	165	190037	43.725	ng	#	82
58) Fluorene	10.56	166	574359	40.413	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.33	232	148117	39.752	ng		94
60) Diethylphthalate	10.42	149	630533	40.662	ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	299107	39.894	ng		96
62) 4-Nitroaniline	10.58	138	176716	43.665	ng		92
63) Azobenzene	10.71	77	614055	39.895	ng		98
65) 4,6-Dinitro-2-methylphenol	10.61	198	77729	38.537	ng		93
66) n-Nitrosodiphenylamine	10.67	169	546902	37.768	ng		96
67) 4-Bromophenyl-phenylether	11.05	248	178775	37.332	ng		98
68) Hexachlorobenzene	11.11	284	190898	37.571	ng	#	94
69) Atrazine	11.19	200	184723	40.367	ng		99
70) Pentachlorophenol	11.30	266	120551	40.689	ng		96
71) Phenanthrene	11.53	178	889349	38.500	ng		99
72) Anthracene	11.58	178	910155	39.309	ng		100
73) Carbazole	11.73	167	919594	40.677	ng		100
74) Di-n-butylphthalate	12.05	149	1048266	41.056	ng		100
75) Fluoranthene	12.72	202	977350	41.689	ng		100
77) Benzidine	12.84	184	591888	64.872	ng		98
78) Pyrene	12.95	202	1010685	33.853	ng		99
80) Butylbenzylphthalate	13.56	149	482408	37.227	ng		99
81) Benzo(a)anthracene	14.14	228	933420	37.796	ng		99
82) 3,3'-Dichlorobenzidine	14.10	252	343740	39.972	ng		99
83) Chrysene	14.18	228	879874	37.511	ng		99
84) Bis(2-ethylhexyl)phthalate	14.11	149	658125	37.570	ng		97
85) Di-n-octyl phthalate	14.73	149	1120841	41.150	ng		99
86) Indeno(1,2,3-cd)pyrene	17.25	276	843484	43.346	ng		96
88) Benzo(b)fluoranthene	15.23	252	855972	37.264	ng		98
89) Benzo(k)fluoranthene	15.26	252	836391	37.037	ng		98
90) Benzo(a)pyrene	15.62	252	811780	38.406	ng		99
91) Dibenzo(a,h)anthracene	17.26	278	702712	38.530	ng		98
92) Benzo(g,h,i)perylene	17.73	276	677862	37.718	ng		96

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

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