Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF102618\
Data File : BF110233.D
Acq On : 27 Oct 2018 1:55
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SSTDCCC040

Quant Time: Oct 27 02:21:06 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	105206	20.00	ng		-0.01
21) Naphthalene-d8	8.25	136	401442	20.00	ng		-0.02
39) Acenaphthene-d10	10.02	164	156015	20.00	ng		-0.01
64) Phenanthrene-d10	11.50	188	247478	20.00	ng		-0.01
76) Chrysene-d12	14.15	240	178892	20.00	ng		-0.01
87) Perylene-d12	15.68	264	123807	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	524554	81.19	ng		-0.01
7) Phenol-d6	6.59	99	638821	77.31	ng		-0.01
23) Nitrobenzene-d5	7.53	82	557940	82.44	ng		-0.02
42) 2,4,6-Tribromophenol	10.80	330	102772	66.50	ng		-0.01
45) 2-Fluorobiphenyl	9.33	172	935825	94.19	ng		-0.01
79) Terphenyl-d14	13.09	244	753309	87.58	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.81	88	134769	39.816	ng		92
3) Pyridine	3.59	79	309989	41.118	ng		89
4) n-Nitrosodimethylamine	3.55	42	128321	40.626	ng	#	94
6) Aniline	6.63	93	409529	38.044	ng	#	53
8) 2-Chlorophenol	6.76	128	294375	39.522	ng		97
9) Benzaldehyde	6.52	77	192782	40.242	ng		99
10) Phenol	6.60	94	338799	38.356	ng	#	65
11) bis(2-Chloroethyl)ether	6.70	93	279357	38.441	ng		96
12) 1,3-Dichlorobenzene	6.91	146	322057	39.290	ng		98
13) 1,4-Dichlorobenzene	6.99	146	325395	39.251	ng		99
14) 1,2-Dichlorobenzene	7.14	146	302240	39.273	ng		99
15) Benzyl Alcohol	7.10	79	238897	37.588	ng		92
16) 2,2'-oxybis(1-Chloropropan	7.24	45	431425	37.130	ng		68
17) 2-Methylphenol	7.22	107	221811	37.367	ng	#	81
18) Hexachloroethane	7.48	117	84221	27.749	ng		98
19) n-Nitroso-di-n-propylamine	7.37	70	196004	36.972	ng		95
20) 3+4-Methylphenols	7.37	107	291857	38.037	ng		97
22) Acetophenone	7.38	105	381496	41.242	ng		98
24) Nitrobenzene	7.55	77	286593	41.014	ng		96
25) Isophorone	7.79	82	447508	38.789	ng		96
26) 2-Nitrophenol	7.87	139	97548	29.336	ng		89
27) 2,4-Dimethylphenol	7.90	122	214798	38.962	ng		97
28) bis(2-Chloroethoxy)methane	7.99	93	316380	40.367	ng		99
29) 2,4-Dichlorophenol	8.10	162	212313	38.119	ng		97
30) 1,2,4-Trichlorobenzene	8.19	180	250993	40.232	ng		96
31) Naphthalene	8.27	128	726794	39.282	ng		99
32) Benzoic acid	7.98	122	56475	13.254	ng		97
33) 4-Chloroaniline	8.32	127	318741	38.278	ng		99
34) Hexachlorobutadiene	8.39	225	142128	41.030	ng		98
35) Caprolactam	8.69	113	67275	34.655	ng		94
36) 4-Chloro-3-methylphenol	8.80	107	210486	34.948	ng		91
37) 2-Methylnaphthalene	8.97	142	452392	36.956	ng		98
38) 1-Methylnaphthalene	9.07	142	427145	36.108	ng		99
40) 1,2,4,5-Tetrachlorobenzene	9.13	216	217015	44.643	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.11	237	8951	3.601 ng		92
43) 2,4,6-Trichlorophenol	9.25	196	124339	39.657 ng		97
44) 2,4,5-Trichlorophenol	9.29	196	123608	37.297 ng		94
46) 1,1'-Biphenyl	9.43	154	619659	43.921 ng		99
47) 2-Chloronaphthalene	9.46	162	439974	42.514 ng		100
48) 2-Nitroaniline	9.55	65	136641	43.571 ng		98
49) Acenaphthylene	9.87	152	602742	40.324 ng		99
50) Dimethylphthalate	9.72	163	500856	43.490 ng		99
51) 2,6-Dinitrotoluene	9.79	165	89399	36.037 ng		88
52) Acenaphthene	10.05	154	373358	37.757 ng		98
53) 3-Nitroaniline	9.96	138	126859	43.002 ng		92
54) 2,4-Dinitrophenol	10.07	184	1033	6.156 ng		91
55) Dibenzofuran	10.22	168	537460	38.821 ng		94
56) 4-Nitrophenol	10.12	139	62791	28.758 ng		91
57) 2,4-Dinitrotoluene	10.20	165	97111	30.819 ng	#	84
58) Fluorene	10.56	166	379280	36.809 ng		100
59) 2,3,4,6-Tetrachlorophenol	10.33	232	84982	31.459 ng		94
60) Diethylphthalate	10.42	149	464475	41.316 ng		99
61) 4-Chlorophenyl-phenylether	10.55	204	210918	38.803 ng		98
62) 4-Nitroaniline	10.58	138	119528	40.737 ng		91
63) Azobenzene	10.71	77	406137	36.395 ng		97
65) 4,6-Dinitro-2-methylphenol	10.60	198	2316	2.048 ng	#	69
66) n-Nitrosodiphenylamine	10.67	169	365314	45.004 ng		96
67) 4-Bromophenyl-phenylether	11.05	248	115762	43.124 ng		98
68) Hexachlorobenzene	11.11	284	114362	40.152 ng	#	89
69) Atrazine	11.19	200	98907	38.557 ng		99
70) Pentachlorophenol	11.30	266	50123	30.179 ng		98
71) Phenanthrene	11.53	178	513523	39.657 ng		99
72) Anthracene	11.58	178	518669	39.961 ng		99
73) Carbazole	11.73	167	510179	40.257 ng		100
74) Di-n-butylphthalate	12.05	149	631787	44.141 ng		99
75) Fluoranthene	12.72	202	514171	39.124 ng		99
77) Benzidine	12.84	184	289276	Below Cal		98
78) Pyrene	12.96	202	533875	41.628 ng		98
80) Butylbenzylphthalate	13.56	149	249973	44.906 ng		99
81) Benzo(a)anthracene	14.14	228	422155	39.793 ng		98
82) 3,3'-Dichlorobenzidine	14.10	252	166979	45.201 ng		98
83) Chrysene	14.18	228	402928	39.988 ng		98
84) Bis(2-ethylhexyl)phthalate	14.11	149	347532	46.184 ng		97
85) Di-n-octyl phthalate	14.73	149	534312	45.665 ng		98
86) Indeno(1,2,3-cd)pyrene	17.24	276	272603	32.611 ng		96
88) Benzo(b)fluoranthene	15.22	252	303092	42.394 ng		98
89) Benzo(k)fluoranthene	15.26	252	289892	41.245 ng		99
90) Benzo(a)pyrene	15.62	252	264467	40.201 ng		98
91) Dibenzo(a,h)anthracene	17.26	278	232397	40.941 ng		98
92) Benzo(g,h,i)perylene	17.73	276	221505	39.600 ng		97

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

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