Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120918\
Data File : BF111235.D
Acq On : 10 Dec 2018 11:56
Operator : JU/SJ
Sample : J6083-03MSD
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : WC-2MSD

Manual Integrations APPROVED
Sohil
12/11/2018 8:42:24 AM

Quant Time: Dec 10 15:43:04 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Dec 10 01:15:27 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	555387	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	2244882	20.00	ng		0.00
39) Acenaphthene-d10	9.84	164	1048605	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	1770849	20.00	ng		0.00
76) Chrysene-d12	13.96	240	1054607	20.00	ng		0.00
87) Perylene-d12	15.39	264	968865	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	3774764	107.32	ng		0.02
7) Phenol-d6	6.44	99	4852883	111.03	ng		0.00
23) Nitrobenzene-d5	7.36	82	3095406	77.34	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	1015411	109.32	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	4684865	74.89	ng		0.00
79) Terphenyl-d14	12.91	244	3899639	88.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.60	88	616292	34.151	ng		99
3) Pyridine	3.33	79	1716046	35.794	ng		99
4) n-Nitrosodimethylamine	3.27	42	917032	44.862	ng		96
6) Aniline	6.46	93	977350	16.770	ng		96
8) 2-Chlorophenol	6.59	128	1505926	37.668	ng		96
9) Benzaldehyde	6.35	77	656706	22.885	ng		100
10) Phenol	6.45	94	2105412	41.195	ng		99
11) bis(2-Chloroethyl)ether	6.54	93	1436106	36.332	ng		97
12) 1,3-Dichlorobenzene	6.75	146	1563809	36.404	ng		99
13) 1,4-Dichlorobenzene	6.82	146	1565292	36.088	ng		99
14) 1,2-Dichlorobenzene	6.97	146	1466635	36.253	ng		99
15) Benzyl Alcohol	6.95	79	1350096	39.032	ng		98
16) 2,2'-oxybis(1-Chloropropan	7.08	45	2833171	38.284	ng		99
17) 2-Methylphenol	7.06	107	1328218	40.693	ng		98
18) Hexachloroethane	7.32	117	599308	36.291	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	1122339	38.331	ng		98
20) 3+4-Methylphenols	7.21	107	1552302	39.984	ng		98
22) Acetophenone	7.21	105	2078467	40.465	ng	#	99
24) Nitrobenzene	7.38	77	1590475	38.181	ng		100
25) Isophorone	7.62	82	2932300	43.015	ng		100
26) 2-Nitrophenol	7.70	139	810749	39.173	ng		99
27) 2,4-Dimethylphenol	7.74	122	1388971	43.430	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	1913983	40.545	ng		99
29) 2,4-Dichlorophenol	7.94	162	1282866	39.230	ng		100
30) 1,2,4-Trichlorobenzene	8.03	180	1226421	38.074	ng		99
31) Naphthalene	8.10	128	4108168	41.931	ng		99
33) 4-Chloroaniline	8.15	127	561989	11.943	ng		97
34) Hexachlorobutadiene	8.23	225	665667	37.437	ng		100
35) Caprolactam	8.52	113	502955m	43.403	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1416802	42.315	ng		98
37) 2-Methylnaphthalene	8.80	142	2844528	43.730	ng		98
38) 1-Methylnaphthalene	8.90	142	2707436	42.502	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	1019087	34.927	ng		99
41) Hexachlorocyclopentadiene	8.96	237	987217	59.411	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.07	196	795834	36.336	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	865963	37.955	ng		97
46) 1,1'-Biphenyl	9.26	154	3172362	36.453	ng		99
47) 2-Chloronaphthalene	9.29	162	2562870	37.353	ng		99
48) 2-Nitroaniline	9.38	65	914051	39.053	ng		90
49) Acenaphthylene	9.70	152	3947910	39.635	ng		99
50) Dimethylphthalate	9.57	163	3197664	41.329	ng		99
51) 2,6-Dinitrotoluene	9.62	165	694912	40.669	ng		93
52) Acenaphthene	9.87	154	2299530	36.788	ng		98
53) 3-Nitroaniline	9.79	138	457559	21.695	ng		93
54) 2,4-Dinitrophenol	9.89	184	37858	5.607	ng	#	6
55) Dibenzofuran	10.05	168	3379113	39.736	ng		98
56) 4-Nitrophenol	9.95	139	820833	49.972	ng		98
57) 2,4-Dinitrotoluene	10.02	165	948818	45.044	ng		93
58) Fluorene	10.39	166	2539132	38.585	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	603975	34.924	ng		99
60) Diethylphthalate	10.26	149	2850516	38.644	ng		99
61) 4-Chlorophenyl-phenylether	10.38	204	1143556	35.000	ng		98
62) 4-Nitroaniline	10.40	138	753433	37.755	ng		97
63) Azobenzene	10.54	77	2893032	37.776	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	157090	15.664	ng		98
66) n-Nitrosodiphenylamine	10.50	169	2360514	39.159	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	745914	38.457	ng		94
68) Hexachlorobenzene	10.94	284	753547	38.192	ng		97
69) Atrazine	11.03	200	774198	42.235	ng		97
70) Pentachlorophenol	11.13	266	682652	47.694	ng		98
71) Phenanthrene	11.35	178	3558230	39.837	ng		99
72) Anthracene	11.40	178	3590482	38.423	ng		99
73) Carbazole	11.55	167	3720377	38.075	ng		99
74) Di-n-butylphthalate	11.89	149	4167345	41.494	ng		99
75) Fluoranthene	12.53	202	3495984	42.847	ng		96
77) Benzidine	12.65	184	579943	18.520	ng		97
78) Pyrene	12.76	202	3567076	47.332	ng		99
80) Butylbenzylphthalate	13.39	149	1714033	43.544	ng		94
81) Benzo(a)anthracene	13.94	228	2488935	42.303	ng		100
82) 3,3'-Dichlorobenzidine	13.91	252	473581	19.638	ng		99
83) Chrysene	13.99	228	2408639	39.710	ng		99
84) Bis(2-ethylhexyl)phthalate	13.95	149	1909509	40.824	ng		99
85) Di-n-octyl phthalate	14.56	149	3024723	38.581	ng		100
86) Indeno(1,2,3-cd)pyrene	16.81	276	2243629	45.824	ng		98
88) Benzo(b)fluoranthene	14.98	252	2301231	42.949	ng		99
89) Benzo(k)fluoranthene	15.01	252	2225653	44.181	ng		98
90) Benzo(a)pyrene	15.33	252	2131755	43.205	ng		100
91) Dibenzo(a,h)anthracene	16.83	278	1846055	47.635	ng		97
92) Benzo(g,h,i)perylene	17.24	276	1946170	50.166	ng		96

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

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