Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111181.D
Acq On : 7 Dec 2018 12:37
Operator : JU/SJ
Sample : PB115300BS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115300BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:40 AM

Quant Time: Dec 10 13:16:05 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF120518.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 07 12:19:19 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	422141	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1676973	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	764588	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1315546	20.00	ng		0.00
76) Chrysene-d12	13.96	240	823386	20.00	ng		0.01
87) Perylene-d12	15.40	264	627534	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	3132776	115.80	ng		0.02
7) Phenol-d6	6.45	99	3971048	113.95	ng		0.01
23) Nitrobenzene-d5	7.37	82	2075004	73.26	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	823860	135.56	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3412976	82.15	ng		0.00
79) Terphenyl-d14	12.92	244	3011055	74.89	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	516400	33.187	ng		99
3) Pyridine	3.40	79	1429401	41.419	ng		97
4) n-Nitrosodimethylamine	3.34	42	740012	43.551	ng		94
6) Aniline	6.47	93	1472714	31.632	ng		100
8) 2-Chlorophenol	6.60	128	1256848	40.308	ng		100
9) Benzaldehyde	6.35	77	533318	25.522	ng		99
10) Phenol	6.46	94	1531227	40.298	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	1201673	38.694	ng		99
12) 1,3-Dichlorobenzene	6.75	146	1331730	40.159	ng		97
13) 1,4-Dichlorobenzene	6.83	146	1346575	40.351	ng		96
14) 1,2-Dichlorobenzene	6.98	146	1254584	40.414	ng		99
15) Benzyl Alcohol	6.95	79	1120362	40.576	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2387541	39.522	ng		100
17) 2-Methylphenol	7.06	107	1041684	40.697	ng		99
18) Hexachloroethane	7.32	117	516474	41.255	ng		95
19) n-Nitroso-di-n-propylamine	7.23	70	898587	38.370	ng		91
20) 3+4-Methylphenols	7.22	107	1236959	39.623	ng		96
22) Acetophenone	7.22	105	1693334	41.784	ng	#	90
24) Nitrobenzene	7.39	77	1337650	43.896	ng		98
25) Isophorone	7.63	82	2425672	46.662	ng		99
26) 2-Nitrophenol	7.70	139	657936	51.098	ng		94
27) 2,4-Dimethylphenol	7.75	122	1148055	47.343	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	1540192	43.766	ng		99
29) 2,4-Dichlorophenol	7.95	162	1034395	43.329	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	1046419	43.427	ng		98
31) Naphthalene	8.11	128	3531237	48.364	ng		97
32) Benzoic acid	7.86	122	729693	45.632	ng		96
33) 4-Chloroaniline	8.16	127	832592	23.590	ng		94
34) Hexachlorobutadiene	8.24	225	562755	42.975	ng		98
35) Caprolactam	8.52	113	346745m	39.559	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1096528	41.934	ng		100
37) 2-Methylnaphthalene	8.80	142	2386426	47.384	ng		99
38) 1-Methylnaphthalene	8.90	142	2263877	46.754	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	859399	42.173	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1142553	106.333	ng		98
43) 2,4,6-Trichlorophenol	9.08	196	694653	46.674	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	693953	45.997	ng		96
46) 1,1'-Biphenyl	9.27	154	2649452	42.330	ng		97
47) 2-Chloronaphthalene	9.29	162	2102347	43.225	ng		99
48) 2-Nitroaniline	9.38	65	711254	45.125	ng		96
49) Acenaphthylene	9.71	152	3260115	47.953	ng		99
50) Dimethylphthalate	9.57	163	2368570	44.512	ng		99
51) 2,6-Dinitrotoluene	9.63	165	546840	48.471	ng		99
52) Acenaphthene	9.88	154	2162108	48.139	ng		99
53) 3-Nitroaniline	9.79	138	436639	30.812	ng		92
54) 2,4-Dinitrophenol	9.90	184	412550	112.487	ng	#	74
55) Dibenzofuran	10.05	168	2834712	45.823	ng		98
56) 4-Nitrophenol	9.95	139	970295	90.861	ng		97
57) 2,4-Dinitrotoluene	10.03	165	729891	50.093	ng		94
58) Fluorene	10.39	166	2110584	48.381	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	561841	49.896	ng		94
60) Diethylphthalate	10.27	149	2333900	43.888	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	945685	43.988	ng		98
62) 4-Nitroaniline	10.41	138	595235	46.539	ng		91
63) Azobenzene	10.54	77	2400244	42.395	ng		98
65) 4,6-Dinitro-2-methylphenol	10.43	198	288371	53.058	ng		97
66) n-Nitrosodiphenylamine	10.50	169	1943293	42.186	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	589419	42.326	ng		96
68) Hexachlorobenzene	10.94	284	622588	43.723	ng		98
69) Atrazine	11.03	200	601442	49.048	ng		96
70) Pentachlorophenol	11.13	266	712466	76.085	ng		98
71) Phenanthrene	11.35	178	2975130	47.015	ng		98
72) Anthracene	11.40	178	3045570	47.747	ng		99
73) Carbazole	11.56	167	2822582	42.527	ng		98
74) Di-n-butylphthalate	11.89	149	3390191	43.635	ng		100
75) Fluoranthene	12.54	202	2894372	46.743	ng		98
77) Benzidine	12.66	184	1399997	50.987	ng		99
78) Pyrene	12.77	202	2932060	45.708	ng		99
80) Butylbenzylphthalate	13.39	149	1416533	45.711	ng		99
81) Benzo(a)anthracene	13.95	228	2136845	44.294	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	500853	27.511	ng	#	97
83) Chrysene	13.99	228	2153271	44.961	ng		98
84) Bis(2-ethylhexyl)phthalate	13.96	149	1643315	43.903	ng	#	99
85) Di-n-octyl phthalate	14.56	149	2686953	45.663	ng		96
86) Indeno(1,2,3-cd)pyrene	16.82	276	1688634	43.915	ng	#	87
88) Benzo(b)fluoranthene	14.99	252	1739886	48.930	ng		99
89) Benzo(k)fluoranthene	15.02	252	1694526	49.294	ng		100
90) Benzo(a)pyrene	15.34	252	1585606	48.614	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	1389111	50.752	ng		98
92) Benzo(g,h,i)perylene	17.24	276	1446033	52.573	ng		99

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

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