Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111186.D
Acq On : 7 Dec 2018 14:53
Operator : JU/SJ
Sample : PB115267BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115267BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:42 AM

Quant Time: Dec 10 13:21:19 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 16:40:01 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	395728	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1590566	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	726846	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1249025	20.00	ng		0.00
76) Chrysene-d12	13.96	240	810764	20.00	ng		0.01
87) Perylene-d12	15.40	264	599125	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2958400	116.66	ng		0.02
7) Phenol-d6	6.44	99	3763519	115.21	ng		0.00
23) Nitrobenzene-d5	7.37	82	1951160	72.63	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	793679	137.37	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3239956	82.01	ng		0.00
79) Terphenyl-d14	12.91	244	2963535	74.86	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	479188	32.851	ng		99
3) Pyridine	3.38	79	1336556	41.313	ng		97
4) n-Nitrosodimethylamine	3.32	42	682284	42.833	ng		94
6) Aniline	6.47	93	1399768	32.072	ng		99
8) 2-Chlorophenol	6.59	128	1190491	40.728	ng		94
9) Benzaldehyde	6.35	77	504750	25.843	ng		96
10) Phenol	6.45	94	1478912	41.519	ng		94
11) bis(2-Chloroethyl)ether	6.55	93	1145421	39.345	ng		96
12) 1,3-Dichlorobenzene	6.75	146	1258865	40.495	ng		97
13) 1,4-Dichlorobenzene	6.82	146	1265017	40.437	ng		98
14) 1,2-Dichlorobenzene	6.98	146	1190949	40.924	ng		99
15) Benzyl Alcohol	6.95	79	1048946	40.525	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2262767	39.957	ng		100
17) 2-Methylphenol	7.06	107	986044	41.095	ng		99
18) Hexachloroethane	7.32	117	486037	41.415	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	848264	38.639	ng		99
20) 3+4-Methylphenols	7.21	107	1172123	40.052	ng		96
22) Acetophenone	7.22	105	1600389	41.636	ng	#	91
24) Nitrobenzene	7.39	77	1258816	43.553	ng		100
25) Isophorone	7.63	82	2289237	46.430	ng		100
26) 2-Nitrophenol	7.70	139	617300	50.546	ng		92
27) 2,4-Dimethylphenol	7.75	122	1109058	48.220	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	1449906	43.439	ng		99
29) 2,4-Dichlorophenol	7.95	162	990459	43.743	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	982431	42.986	ng		99
31) Naphthalene	8.11	128	3388764	48.934	ng		97
32) Benzoic acid	7.86	122	703813	46.404	ng		98
33) 4-Chloroaniline	8.15	127	809553	24.184	ng		98
34) Hexachlorobutadiene	8.23	225	526298	42.374	ng		99
35) Caprolactam	8.52	113	330505m	39.755	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1053072	42.460	ng		98
37) 2-Methylnaphthalene	8.80	142	2259120	47.293	ng		99
38) 1-Methylnaphthalene	8.90	142	2133935	46.465	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	803567	41.481	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1064644	104.227	ng		98
43) 2,4,6-Trichlorophenol	9.08	196	659904	46.641	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	662719	46.207	ng		98
46) 1,1'-Biphenyl	9.27	154	2507489	42.142	ng		97
47) 2-Chloronaphthalene	9.29	162	2018020	43.646	ng		97
48) 2-Nitroaniline	9.38	65	683154	45.592	ng		97
49) Acenaphthylene	9.70	152	3132524	48.469	ng		98
50) Dimethylphthalate	9.57	163	2274098	44.955	ng		99
51) 2,6-Dinitrotoluene	9.62	165	521235	48.601	ng	#	88
52) Acenaphthene	9.88	154	2061934	48.292	ng		100
53) 3-Nitroaniline	9.79	138	425962	31.619	ng		99
54) 2,4-Dinitrophenol	9.90	184	390115	111.928	ng	#	67
55) Dibenzofuran	10.05	168	2727174	46.374	ng		97
56) 4-Nitrophenol	9.95	139	909778	89.617	ng		98
57) 2,4-Dinitrotoluene	10.03	165	688274	49.690	ng		98
58) Fluorene	10.39	166	2020213	48.714	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	535913m	50.064	ng		
60) Diethylphthalate	10.27	149	2222025	43.954	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	903332	44.200	ng		97
62) 4-Nitroaniline	10.40	138	577267	47.477	ng		98
63) Azobenzene	10.55	77	2303472	42.799	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	265771	51.504	ng		98
66) n-Nitrosodiphenylamine	10.50	169	1879391	42.972	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	571553	43.228	ng		95
68) Hexachlorobenzene	10.95	284	593717	43.916	ng		97
69) Atrazine	11.03	200	585665	50.305	ng		99
70) Pentachlorophenol	11.13	266	689383	77.541	ng		98
71) Phenanthrene	11.35	178	2874703	47.848	ng		98
72) Anthracene	11.40	178	2936286	48.485	ng		99
73) Carbazole	11.56	167	2726279	43.264	ng		97
74) Di-n-butylphthalate	11.89	149	3255205	44.129	ng		100
75) Fluoranthene	12.54	202	2813420	47.855	ng		97
77) Benzidine	12.65	184	1336115	49.418	ng		99
78) Pyrene	12.77	202	2860009	45.279	ng		98
80) Butylbenzylphthalate	13.39	149	1371549	44.949	ng		99
81) Benzo(a)anthracene	13.95	228	2101755	44.245	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	490096	27.339	ng		99
83) Chrysene	13.99	228	2112094	44.788	ng		98
84) Bis(2-ethylhexyl)phthalate	13.95	149	1594186	43.253	ng		98
85) Di-n-octyl phthalate	14.56	149	2608941	45.027	ng		97
86) Indeno(1,2,3-cd)pyrene	16.82	276	1614509	42.641	ng	#	87
88) Benzo(b)fluoranthene	14.99	252	1747053	51.461	ng		96
89) Benzo(k)fluoranthene	15.02	252	1617458	49.283	ng		100
90) Benzo(a)pyrene	15.34	252	1538664	49.412	ng		98
91) Dibenzo(a,h)anthracene	16.83	278	1332618	50.996	ng		98
92) Benzo(g,h,i)perylene	17.24	276	1385171	52.749	ng		100

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

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