Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111183.D
Acq On : 7 Dec 2018 13:32
Operator : JU/SJ
Sample : PB115160BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115160BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:41 AM

Quant Time: Dec 10 13:18:22 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	6.80	152	392138	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1564183	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	719953	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1236530	20.00	ng		0.00
76) Chrysene-d12	13.96	240	775920	20.00	ng		0.01
87) Perylene-d12	15.40	264	586854	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	2921739	116.27	ng		0.02
7) Phenol-d6	6.44	99	3708077	114.55	ng		0.00
23) Nitrobenzene-d5	7.37	82	1935914	73.27	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	776628	135.71	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3246277	83.15	ng		0.00
79) Terphenyl-d14	12.91	244	2857197	75.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.65	88	484111	33.492	ng		98
3) Pyridine	3.38	79	1323945	41.298	ng		99
4) n-Nitrosodimethylamine	3.32	42	678609	42.993	ng		98
6) Aniline	6.47	93	1385028	32.024	ng		100
8) 2-Chlorophenol	6.60	128	1187994	41.015	ng		98
9) Benzaldehyde	6.35	77	490185	25.170	ng		100
10) Phenol	6.45	94	1442089	40.856	ng		93
11) bis(2-Chloroethyl)ether	6.55	93	1125836	39.026	ng		97
12) 1,3-Dichlorobenzene	6.75	146	1234881	40.087	ng		97
13) 1,4-Dichlorobenzene	6.83	146	1263759	40.766	ng		95
14) 1,2-Dichlorobenzene	6.98	146	1182272	40.998	ng		99
15) Benzyl Alcohol	6.95	79	1036545	40.413	ng		100
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2225740	39.663	ng		99
17) 2-Methylphenol	7.06	107	982150	41.307	ng		99
18) Hexachloroethane	7.32	117	484711	41.680	ng		96
19) n-Nitroso-di-n-propylamine	7.22	70	835359	38.399	ng		98
20) 3+4-Methylphenols	7.21	107	1172892	40.445	ng		97
22) Acetophenone	7.22	105	1573343	41.623	ng	#	92
24) Nitrobenzene	7.39	77	1250377	43.991	ng		99
25) Isophorone	7.63	82	2267238	46.759	ng		100
26) 2-Nitrophenol	7.70	139	606715	50.518	ng		94
27) 2,4-Dimethylphenol	7.75	122	1092062	48.282	ng		100
28) bis(2-Chloroethoxy)methane	7.84	93	1428671	43.525	ng		99
29) 2,4-Dichlorophenol	7.95	162	969214	43.526	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	973858	43.330	ng		99
31) Naphthalene	8.11	128	3320847	48.762	ng		97
32) Benzoic acid	7.86	122	704458	47.230	ng		96
33) 4-Chloroaniline	8.16	127	797933	24.239	ng		95
34) Hexachlorobutadiene	8.23	225	521588	42.703	ng		98
35) Caprolactam	8.52	113	323305m	39.544	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1036303	42.488	ng		98
37) 2-Methylnaphthalene	8.80	142	2240831	47.701	ng		99
38) 1-Methylnaphthalene	8.90	142	2139746	47.377	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	798252	41.601	ng		99

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1063296	105.092	ng		97
43) 2,4,6-Trichlorophenol	9.08	196	647074	46.173	ng		98
44) 2,4,5-Trichlorophenol	9.12	196	656165	46.188	ng		99
46) 1,1'-Biphenyl	9.27	154	2500604	42.428	ng		97
47) 2-Chloronaphthalene	9.29	162	1976648	43.160	ng		98
48) 2-Nitroaniline	9.38	65	676790	45.600	ng		99
49) Acenaphthylene	9.71	152	3122611	48.778	ng		97
50) Dimethylphthalate	9.57	163	2248593	44.877	ng		100
51) 2,6-Dinitrotoluene	9.62	165	515231	48.501	ng		89
52) Acenaphthene	9.88	154	2023013	47.835	ng		100
53) 3-Nitroaniline	9.79	138	422017	31.626	ng		98
54) 2,4-Dinitrophenol	9.90	184	382054	110.739	ng	#	69
55) Dibenzofuran	10.05	168	2694740	46.261	ng		97
56) 4-Nitrophenol	9.95	139	893739	88.880	ng		96
57) 2,4-Dinitrotoluene	10.03	165	686476	50.035	ng		98
58) Fluorene	10.39	166	2008244	48.889	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.17	232	530184	50.003	ng		94
60) Diethylphthalate	10.27	149	2203453	44.004	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	901010	44.508	ng		96
62) 4-Nitroaniline	10.40	138	562294	46.689	ng		99
63) Azobenzene	10.55	77	2281824	42.802	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	266557	52.179	ng		100
66) n-Nitrosodiphenylamine	10.50	169	1835753	42.398	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	564114	43.097	ng		95
68) Hexachlorobenzene	10.95	284	587583	43.901	ng		98
69) Atrazine	11.03	200	575823	49.960	ng		98
70) Pentachlorophenol	11.13	266	675053	76.696	ng		97
71) Phenanthrene	11.35	178	2822177	47.448	ng		98
72) Anthracene	11.40	178	2909442	48.527	ng		98
73) Carbazole	11.56	167	2691913	43.150	ng		98
74) Di-n-butylphthalate	11.89	149	3220761	44.104	ng		99
75) Fluoranthene	12.54	202	2777031	47.714	ng		98
77) Benzidine	12.66	184	1314826	50.815	ng		98
78) Pyrene	12.77	202	2793116	46.205	ng		98
80) Butylbenzylphthalate	13.39	149	1350883	46.259	ng		91
81) Benzo(a)anthracene	13.95	228	2041979	44.917	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	465047	27.106	ng	#	96
83) Chrysene	13.99	228	2024349	44.855	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1554197	44.062	ng	#	98
85) Di-n-octyl phthalate	14.56	149	2510131	45.268	ng		97
86) Indeno(1,2,3-cd)pyrene	16.82	276	1567205	43.250	ng	#	87
88) Benzo(b)fluoranthene	14.99	252	1642011	49.378	ng		99
89) Benzo(k)fluoranthene	15.02	252	1569103	48.810	ng		98
90) Benzo(a)pyrene	15.34	252	1472748	48.284	ng		97
91) Dibenzo(a,h)anthracene	16.83	278	1306684	51.050	ng		99
92) Benzo(g,h,i)perylene	17.24	276	1344381	52.266	ng		99

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

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