Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111188.D
Acq On : 7 Dec 2018 15:48
Operator : JU/SJ
Sample : PB115194BS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB115194BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:43 AM

Quant Time: Dec 10 13:23:24 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	439371	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1751073	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	805295	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1366151	20.00	ng		0.00
76) Chrysene-d12	13.96	240	836414	20.00	ng		0.01
87) Perylene-d12	15.40	264	642128	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	3220272	114.37	ng		0.02
7) Phenol-d6	6.45	99	4086961	112.68	ng		0.01
23) Nitrobenzene-d5	7.37	82	2161776	73.09	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	858340	134.09	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3570298	81.47	ng		0.00
79) Terphenyl-d14	12.91	244	3159642	77.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.67	88	529258	32.679	ng		99
3) Pyridine	3.39	79	1463675	40.749	ng		97
4) n-Nitrosodimethylamine	3.33	42	751759	42.507	ng		93
6) Aniline	6.47	93	1477062	30.481	ng		99
8) 2-Chlorophenol	6.60	128	1307271	40.281	ng		98
9) Benzaldehyde	6.35	77	534811	24.309	ng		99
10) Phenol	6.46	94	1582010	40.002	ng		90
11) bis(2-Chloroethyl)ether	6.55	93	1250523	38.688	ng		96
12) 1,3-Dichlorobenzene	6.75	146	1370216	39.699	ng		97
13) 1,4-Dichlorobenzene	6.82	146	1379469	39.715	ng		99
14) 1,2-Dichlorobenzene	6.98	146	1290960	39.955	ng		99
15) Benzyl Alcohol	6.95	79	1121290	39.017	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2478957	39.426	ng		99
17) 2-Methylphenol	7.06	107	1084422	40.706	ng		98
18) Hexachloroethane	7.32	117	528132	40.532	ng		93
19) n-Nitroso-di-n-propylamine	7.22	70	926842	38.025	ng		99
20) 3+4-Methylphenols	7.22	107	1275533	39.256	ng		94
22) Acetophenone	7.22	105	1742636	41.181	ng	#	89
24) Nitrobenzene	7.39	77	1393908	43.806	ng		98
25) Isophorone	7.63	82	2515008	46.333	ng		99
26) 2-Nitrophenol	7.70	139	686958	51.094	ng		94
27) 2,4-Dimethylphenol	7.75	122	1248968	49.325	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	1592569	43.339	ng		99
29) 2,4-Dichlorophenol	7.95	162	1083563	43.468	ng		98
30) 1,2,4-Trichlorobenzene	8.03	180	1090415	43.338	ng		97
31) Naphthalene	8.11	128	3676321	48.221	ng		98
32) Benzoic acid	7.86	122	790847	47.363	ng		97
33) 4-Chloroaniline	8.15	127	869714	23.599	ng		97
34) Hexachlorobutadiene	8.23	225	583222	42.653	ng		98
35) Caprolactam	8.52	113	364693m	39.846	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1161722	42.547	ng		98
37) 2-Methylnaphthalene	8.80	142	2513172	47.789	ng		98
38) 1-Methylnaphthalene	8.90	142	2347708	46.434	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	884914	41.230	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1176481	103.956	ng		97
43) 2,4,6-Trichlorophenol	9.08	196	729055	46.509	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	728315	45.834	ng		96
46) 1,1'-Biphenyl	9.27	154	2715805	41.196	ng		98
47) 2-Chloronaphthalene	9.29	162	2189946	42.750	ng		98
48) 2-Nitroaniline	9.38	65	748326	45.077	ng		97
49) Acenaphthylene	9.71	152	3427247	47.863	ng		98
50) Dimethylphthalate	9.57	163	2480347	44.256	ng		100
51) 2,6-Dinitrotoluene	9.63	165	580886	48.886	ng		93
52) Acenaphthene	9.88	154	2223686	47.007	ng		99
53) 3-Nitroaniline	9.79	138	463646	31.064	ng		91
54) 2,4-Dinitrophenol	9.90	184	418522	108.590	ng	#	71
55) Dibenzofuran	10.05	168	2977824	45.703	ng		97
56) 4-Nitrophenol	9.95	139	995158	88.478	ng		97
57) 2,4-Dinitrotoluene	10.03	165	764833	49.838	ng		95
58) Fluorene	10.39	166	2191202	47.690	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	589597	49.714	ng		94
60) Diethylphthalate	10.27	149	2450019	43.743	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	994089	43.902	ng		97
62) 4-Nitroaniline	10.41	138	631288	46.862	ng		92
63) Azobenzene	10.55	77	2496220	41.862	ng		97
65) 4,6-Dinitro-2-methylphenol	10.43	198	299225	53.016	ng		98
66) n-Nitrosodiphenylamine	10.50	169	2051872	42.894	ng		98
67) 4-Bromophenyl-phenylether	10.87	248	631261	43.651	ng		95
68) Hexachlorobenzene	10.95	284	649105	43.896	ng		96
69) Atrazine	11.03	200	642242	50.435	ng		98
70) Pentachlorophenol	11.13	266	758816	78.033	ng		98
71) Phenanthrene	11.35	178	3075504	46.801	ng		99
72) Anthracene	11.40	178	3149788	47.551	ng		99
73) Carbazole	11.56	167	2971286	43.109	ng		97
74) Di-n-butylphthalate	11.89	149	3516962	43.590	ng		100
75) Fluoranthene	12.54	202	3014998	46.887	ng		97
77) Benzidine	12.66	184	1402163	50.271	ng		99
78) Pyrene	12.77	202	3056086	46.899	ng		98
80) Butylbenzylphthalate	13.39	149	1459051	46.350	ng		97
81) Benzo(a)anthracene	13.95	228	2211573	45.129	ng		99
82) 3,3'-Dichlorobenzidine	13.91	252	499754	27.023	ng		98
83) Chrysene	13.99	228	2220910	45.651	ng		97
84) Bis(2-ethylhexyl)phthalate	13.95	149	1682573	44.251	ng		99
85) Di-n-octyl phthalate	14.57	149	2732262	45.710	ng		97
86) Indeno(1,2,3-cd)pyrene	16.82	276	1760814	45.079	ng	#	88
88) Benzo(b)fluoranthene	14.99	252	1901495	52.259	ng		98
89) Benzo(k)fluoranthene	15.02	252	1596429	45.385	ng		99
90) Benzo(a)pyrene	15.34	252	1629513	48.825	ng		97
91) Dibenzo(a,h)anthracene	16.83	278	1445151	51.599	ng		100
92) Benzo(g,h,i)perylene	17.24	276	1503483	53.420	ng		99

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

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