Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF120718\
Data File : BF111179.D
Acq On : 7 Dec 2018 11:43
Operator : JU/SJ
Sample : PB115243BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Quant Time: Dec 10 13:11:20 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 12:15:42 2018
Response via : Initial Calibration

Instrument :
BNA_F
ClientSampleId :
PB115243BS

Manual Integrations APPROVED
Sohil
12/11/2018 8:44:39 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	432727	20.00	ng		0.00
21) Naphthalene-d8	8.09	136	1716035	20.00	ng		0.00
39) Acenaphthene-d10	9.85	164	795783	20.00	ng		0.00
64) Phenanthrene-d10	11.33	188	1335588	20.00	ng		0.00
76) Chrysene-d12	13.96	240	812322	20.00	ng		0.01
87) Perylene-d12	15.40	264	624988	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	3195394	115.23	ng		0.02
7) Phenol-d6	6.45	99	4029301	112.80	ng		0.01
23) Nitrobenzene-d5	7.37	82	2132796	73.58	ng		0.00
42) 2,4,6-Tribromophenol	10.63	330	847779	134.02	ng		0.00
45) 2-Fluorobiphenyl	9.17	172	3515397	81.11	ng		0.00
79) Terphenyl-d14	12.92	244	3000302	75.64	ng		0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.68	88	529079	33.170	ng		99
3) Pyridine	3.40	79	1455686	41.148	ng		97
4) n-Nitrosodimethylamine	3.35	42	751987	43.173	ng		96
6) Aniline	6.47	93	1475550	30.917	ng		99
8) 2-Chlorophenol	6.60	128	1285454	40.217	ng		99
9) Benzaldehyde	6.35	77	542821	25.286	ng		99
10) Phenol	6.46	94	1566700	40.223	ng		92
11) bis(2-Chloroethyl)ether	6.55	93	1226324	38.522	ng		99
12) 1,3-Dichlorobenzene	6.75	146	1343965	39.536	ng		96
13) 1,4-Dichlorobenzene	6.83	146	1372639	40.125	ng		96
14) 1,2-Dichlorobenzene	6.98	146	1296516	40.743	ng		99
15) Benzyl Alcohol	6.95	79	1148366	40.573	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	2436989	39.354	ng		99
17) 2-Methylphenol	7.06	107	1079274	41.135	ng		98
18) Hexachloroethane	7.32	117	530180	41.314	ng		95
19) n-Nitroso-di-n-propylamine	7.22	70	911539	37.971	ng		99
20) 3+4-Methylphenols	7.22	107	1258490	39.327	ng		94
22) Acetophenone	7.22	105	1720079	41.478	ng	#	90
24) Nitrobenzene	7.39	77	1365079	43.776	ng		99
25) Isophorone	7.63	82	2487382	46.760	ng		100
26) 2-Nitrophenol	7.70	139	679516	51.573	ng		92
27) 2,4-Dimethylphenol	7.75	122	1223750	49.316	ng		99
28) bis(2-Chloroethoxy)methane	7.84	93	1563768	43.425	ng		99
29) 2,4-Dichlorophenol	7.95	162	1069484	43.779	ng		99
30) 1,2,4-Trichlorobenzene	8.03	180	1073416	43.533	ng		99
31) Naphthalene	8.11	128	3623503	48.498	ng		98
32) Benzoic acid	7.87	122	826463	50.507	ng		97
33) 4-Chloroaniline	8.16	127	874716	24.220	ng		96
34) Hexachlorobutadiene	8.24	225	581507	43.396	ng		100
35) Caprolactam	8.53	113	356498m	39.746	ng		
36) 4-Chloro-3-methylphenol	8.64	107	1138355	42.542	ng		99
37) 2-Methylnaphthalene	8.80	142	2456028	47.656	ng		98
38) 1-Methylnaphthalene	8.90	142	2304895	46.518	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.97	216	856810	40.398	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	1200130	107.313	ng		97
43) 2,4,6-Trichlorophenol	9.08	196	715755	46.207	ng		99
44) 2,4,5-Trichlorophenol	9.12	196	712920	45.401	ng		97
46) 1,1'-Biphenyl	9.27	154	2683142	41.187	ng		99
47) 2-Chloronaphthalene	9.29	162	2161671	42.703	ng		98
48) 2-Nitroaniline	9.38	65	740782	45.156	ng		97
49) Acenaphthylene	9.71	152	3322242	46.952	ng		99
50) Dimethylphthalate	9.57	163	2416349	43.629	ng		99
51) 2,6-Dinitrotoluene	9.63	165	560556	47.739	ng		100
52) Acenaphthene	9.88	154	2217562	47.438	ng		99
53) 3-Nitroaniline	9.79	138	468695	31.777	ng		94
54) 2,4-Dinitrophenol	9.90	184	440574	115.246	ng	#	73
55) Dibenzofuran	10.05	168	2893500	44.940	ng		97
56) 4-Nitrophenol	9.96	139	992997	89.341	ng		90
57) 2,4-Dinitrotoluene	10.03	165	736934	48.594	ng		93
58) Fluorene	10.39	166	2154097	47.443	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.17	232	578001	49.319	ng		95
60) Diethylphthalate	10.27	149	2362286	42.681	ng		98
61) 4-Chlorophenyl-phenylether	10.39	204	974967	43.573	ng		98
62) 4-Nitroaniline	10.41	138	613989	46.123	ng		94
63) Azobenzene	10.55	77	2425280	41.158	ng		97
65) 4,6-Dinitro-2-methylphenol	10.44	198	298188	54.041	ng		83
66) n-Nitrosodiphenylamine	10.50	169	1974144	42.213	ng		99
67) 4-Bromophenyl-phenylether	10.87	248	602337	42.604	ng		97
68) Hexachlorobenzene	10.95	284	621755	43.009	ng		99
69) Atrazine	11.03	200	627251	50.385	ng		96
70) Pentachlorophenol	11.13	266	744845	78.349	ng		97
71) Phenanthrene	11.35	178	3012993	46.899	ng		98
72) Anthracene	11.40	178	3095302	47.798	ng		99
73) Carbazole	11.56	167	2855996	42.385	ng		98
74) Di-n-butylphthalate	11.89	149	3435325	43.553	ng		99
75) Fluoranthene	12.54	202	2947578	46.888	ng		98
77) Benzidine	12.66	184	1405350	51.879	ng		98
78) Pyrene	12.77	202	2951283	46.634	ng		99
80) Butylbenzylphthalate	13.39	149	1421120	46.484	ng		92
81) Benzo(a)anthracene	13.95	228	2125140	44.651	ng		99
82) 3,3'-Dichlorobenzidine	13.92	252	514611	28.651	ng		96
83) Chrysene	13.99	228	2143565	45.368	ng		99
84) Bis(2-ethylhexyl)phthalate	13.96	149	1628068	44.088	ng	#	98
85) Di-n-octyl phthalate	14.56	149	2621332	45.155	ng		97
86) Indeno(1,2,3-cd)pyrene	16.82	276	1727203	45.530	ng	#	88
88) Benzo(b)fluoranthene	14.99	252	1732941	48.933	ng		99
89) Benzo(k)fluoranthene	15.02	252	1675091	48.927	ng		99
90) Benzo(a)pyrene	15.34	252	1578585	48.596	ng		98
91) Dibenzo(a,h)anthracene	16.84	278	1433255	52.578	ng		99
92) Benzo(g,h,i)perylene	17.24	276	1476380	53.895	ng		99

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

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