Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121418\
Data File : BF111437.D
Acq On : 14 Dec 2018 23:44
Operator : JU/SJ
Sample : J6233-03MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SB-2MS

Manual Integrations APPROVED
Sohil
12/17/2018 2:37:03 PM

Quant Time: Dec 15 00:16:52 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF121418.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Dec 14 13:26:17 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	215286	20.00	ng		0.00
21) Naphthalene-d8	8.08	136	886197	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	363114	20.00	ng		0.00
64) Phenanthrene-d10	11.32	188	538758	20.00	ng		0.00
76) Chrysene-d12	13.96	240	396936	20.00	ng		0.00
87) Perylene-d12	15.39	264	291706	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.43	112	1281308	99.04	ng		0.01
7) Phenol-d6	6.45	99	1651015	95.94	ng		0.00
23) Nitrobenzene-d5	7.36	82	1308347	87.92	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	340268	104.61	ng		0.00
45) 2-Fluorobiphenyl	9.16	172	2093176	89.04	ng		0.00
79) Terphenyl-d14	12.90	244	1509551	89.30	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.54	88	167776	26.851	ng		98
3) Pyridine	3.28	79	398297	25.380	ng		91
4) n-Nitrosodimethylamine	3.22	42	247919	34.780	ng		86
6) Aniline	6.46	93	550547	25.791	ng	#	8
8) 2-Chlorophenol	6.59	128	489569	31.671	ng		98
9) Benzaldehyde	6.34	77	240215	23.013	ng		100
10) Phenol	6.46	94	679761	35.459	ng	#	74
11) bis(2-Chloroethyl)ether	6.53	93	450627	29.986	ng		99
12) 1,3-Dichlorobenzene	6.74	146	609795	35.836	ng		98
13) 1,4-Dichlorobenzene	6.82	146	628138	36.368	ng		97
14) 1,2-Dichlorobenzene	6.97	146	622030	38.282	ng		99
15) Benzyl Alcohol	6.94	79	526453	40.205	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	1113141	37.937	ng		97
17) 2-Methylphenol	7.06	107	507462	40.791	ng		96
18) Hexachloroethane	7.31	117	214031	33.298	ng		94
19) n-Nitroso-di-n-propylamine	7.21	70	431877	38.039	ng		96
20) 3+4-Methylphenols	7.21	107	620551	39.765	ng	#	87
22) Acetophenone	7.20	105	856372	43.289	ng	#	89
24) Nitrobenzene	7.38	77	644029	42.423	ng		93
25) Isophorone	7.62	82	1179765	46.852	ng		97
26) 2-Nitrophenol	7.69	139	290894	36.948	ng		97
27) 2,4-Dimethylphenol	7.74	122	551428	48.313	ng		98
28) bis(2-Chloroethoxy)methane	7.83	93	759545	43.694	ng		98
29) 2,4-Dichlorophenol	7.94	162	502591	41.250	ng		98
30) 1,2,4-Trichlorobenzene	8.02	180	492612	38.622	ng		99
31) Naphthalene	8.10	128	1757264	42.395	ng		96
32) Benzoic acid	7.84	122	181651m	18.417	ng		
33) 4-Chloroaniline	8.15	127	636371	34.526	ng		94
34) Hexachlorobutadiene	8.22	225	261892	37.269	ng		97
35) Caprolactam	8.52	113	163232m	36.084	ng		
36) 4-Chloro-3-methylphenol	8.64	107	509105	37.961	ng		98
37) 2-Methylnaphthalene	8.79	142	1144548	40.807	ng		99
38) 1-Methylnaphthalene	8.89	142	1070546	39.509	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.96	216	428356	43.016	ng		99

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.95	237	80494	15.744 ng	94
43) 2,4,6-Trichlorophenol	9.07	196	301042	42.714 ng	100
44) 2,4,5-Trichlorophenol	9.12	196	311058	41.475 ng	98
46) 1,1'-Biphenyl	9.26	154	1281660	41.657 ng	94
47) 2-Chloronaphthalene	9.28	162	981051	41.949 ng	97
48) 2-Nitroaniline	9.37	65	320093	42.154 ng	91
49) Acenaphthylene	9.70	152	1523676	43.892 ng	94
50) Dimethylphthalate	9.56	163	1324255	50.639 ng	98
51) 2,6-Dinitrotoluene	9.62	165	230284	39.122 ng	96
52) Acenaphthene	9.87	154	864266	39.390 ng	98
53) 3-Nitroaniline	9.79	138	284311	39.766 ng	90
54) 2,4-Dinitrophenol	9.89	184	20383	9.102 ng	89
55) Dibenzofuran	10.04	168	1278576	40.146 ng	95
56) 4-Nitrophenol	9.96	139	342254	69.172 ng	96
57) 2,4-Dinitrotoluene	10.02	165	277119	35.869 ng	96
58) Fluorene	10.38	166	936609	40.545 ng	99
59) 2,3,4,6-Tetrachlorophenol	10.16	232	219608	37.477 ng	97
60) Diethylphthalate	10.26	149	1081570	40.830 ng	99
61) 4-Chlorophenyl-phenylether	10.37	204	431938	38.218 ng	96
62) 4-Nitroaniline	10.39	138	252844	35.724 ng	98
63) Azobenzene	10.53	77	996998	38.178 ng	96
65) 4,6-Dinitro-2-methylphenol	10.43	198	22511	7.401 ng	84
66) n-Nitrosodiphenylamine	10.49	169	845495	45.508 ng	98
67) 4-Bromophenyl-phenylether	10.86	248	244090	42.036 ng	97
68) Hexachlorobenzene	10.93	284	240170	40.209 ng	95
69) Atrazine	11.02	200	243203	45.295 ng	98
70) Pentachlorophenol	11.13	266	239705	65.429 ng	95
71) Phenanthrene	11.34	178	1182103	42.581 ng	95
72) Anthracene	11.39	178	1227591	43.239 ng	95
73) Carbazole	11.55	167	1145423	39.015 ng	95
74) Di-n-butylphthalate	11.88	149	1466262	44.844 ng	96
75) Fluoranthene	12.53	202	1171050	43.119 ng	98
77) Benzidine	12.65	184	413456	28.336 ng	96
78) Pyrene	12.76	202	1178651	42.117 ng	95
80) Butylbenzylphthalate	13.37	149	577933	42.368 ng	95
81) Benzo(a)anthracene	13.94	228	938842	43.499 ng	97
82) 3,3'-Dichlorobenzidine	13.90	252	377759	43.054 ng	98
83) Chrysene	13.98	228	949374	41.756 ng	97
84) Bis(2-ethylhexyl)phthalate	13.94	149	768720	44.121 ng	100
85) Di-n-octyl phthalate	14.55	149	1393693	47.423 ng	96
86) Indeno(1,2,3-cd)pyrene	16.81	276	654855	39.907 ng	98
88) Benzo(b)fluoranthene	14.98	252	765666	45.021 ng	99
89) Benzo(k)fluoranthene	15.00	252	731380	45.007 ng	98
90) Benzo(a)pyrene	15.33	252	666725	43.474 ng	98
91) Dibenzo(a,h)anthracene	16.83	278	551707	45.604 ng	97
92) Benzo(g,h,i)perylene	17.24	276	450854	37.967 ng	96

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

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