Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF121618\
Data File : BF111517.D
Acq On : 16 Dec 2018 19:20
Operator : JU/SJ
Sample : J6353-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
P001-SS001-0002-01MSD

Manual Integrations APPROVED
Sohil
12/17/2018 11:19:55 AM

Quant Time: Dec 17 07:36:00 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	6.79	152	209895	20.00	ng		0.00
21) Naphthalene-d8	8.07	136	844315	20.00	ng		0.00
39) Acenaphthene-d10	9.83	164	341941	20.00	ng		0.00
64) Phenanthrene-d10	11.31	188	368369	20.00	ng		0.00
76) Chrysene-d12	13.95	240	259984	20.00	ng		0.00
87) Perylene-d12	15.39	264	186095	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.42	112	1111248	88.10	ng		0.00
7) Phenol-d6	6.44	99	1397662	83.30	ng		0.00
23) Nitrobenzene-d5	7.35	82	837320	59.06	ng		0.00
42) 2,4,6-Tribromophenol	10.62	330	157377	51.38	ng		0.00
45) 2-Fluorobiphenyl	9.15	172	1360456	61.46	ng		0.00
79) Terphenyl-d14	12.89	244	613496	55.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	101364	16.639	ng		97
3) Pyridine	3.26	79	275866	18.030	ng		95
4) n-Nitrosodimethylamine	3.19	42	140067	20.154	ng		84
6) Aniline	6.45	93	306179	14.712	ng	#	1
8) 2-Chlorophenol	6.58	128	417134	27.678	ng		97
9) Benzaldehyde	6.33	77	178602	17.550	ng		96
10) Phenol	6.45	94	647832	34.661	ng		94
11) bis(2-Chloroethyl)ether	6.52	93	399500	27.267	ng		97
12) 1,3-Dichlorobenzene	6.73	146	431434	26.006	ng		97
13) 1,4-Dichlorobenzene	6.81	146	431435	25.621	ng		96
14) 1,2-Dichlorobenzene	6.96	146	408760	25.803	ng		97
15) Benzyl Alcohol	6.93	79	334610	26.210	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.07	45	712545	24.908	ng		93
17) 2-Methylphenol	7.06	107	330207	27.224	ng		96
18) Hexachloroethane	7.30	117	135596	21.637	ng		92
19) n-Nitroso-di-n-propylamine	7.20	70	285812	25.820	ng		99
20) 3+4-Methylphenols	7.21	107	426144	28.009	ng	#	62
22) Acetophenone	7.20	105	588579	31.228	ng	#	84
24) Nitrobenzene	7.37	77	400629	27.699	ng		94
25) Isophorone	7.61	82	755609	31.496	ng		99
26) 2-Nitrophenol	7.69	139	147507	19.665	ng		97
27) 2,4-Dimethylphenol	7.73	122	357435	32.870	ng		99
28) bis(2-Chloroethoxy)methane	7.82	93	505788	30.540	ng		98
29) 2,4-Dichlorophenol	7.94	162	312244	26.898	ng		96
30) 1,2,4-Trichlorobenzene	8.02	180	318471	26.207	ng		99
31) Naphthalene	8.09	128	1199874	30.384	ng		96
32) Benzoic acid	7.85	122	12156m	1.294	ng		
33) 4-Chloroaniline	8.14	127	277853	15.823	ng		96
34) Hexachlorobutadiene	8.22	225	170889	25.525	ng		96
35) Caprolactam	8.49	113	109845	25.487	ng		94
36) 4-Chloro-3-methylphenol	8.63	107	319410	24.998	ng		99
37) 2-Methylnaphthalene	8.79	142	767150	28.708	ng		98
38) 1-Methylnaphthalene	8.89	142	708774	27.455	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.95	216	282595	30.136	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.94	237	21841	4.536	ng		98
43) 2,4,6-Trichlorophenol	9.07	196	162713	24.516	ng		100
44) 2,4,5-Trichlorophenol	9.12	196	169045	23.935	ng		94
46) 1,1'-Biphenyl	9.25	154	845229	29.173	ng		94
47) 2-Chloronaphthalene	9.27	162	643383	29.214	ng		94
48) 2-Nitroaniline	9.37	65	200332	28.016	ng		88
49) Acenaphthylene	9.69	152	970160	29.678	ng		95
50) Dimethylphthalate	9.55	163	858541	34.863	ng		99
51) 2,6-Dinitrotoluene	9.61	165	149659	26.999	ng		93
52) Acenaphthene	9.86	154	550489	26.643	ng		98
53) 3-Nitroaniline	9.77	138	157131	23.338	ng		96
54) 2,4-Dinitrophenol	9.89	184	438	0.208	ng	#	1
55) Dibenzofuran	10.03	168	811478	27.057	ng		93
56) 4-Nitrophenol	9.96	139	171379	36.781	ng		91
57) 2,4-Dinitrotoluene	10.01	165	175103	24.068	ng		96
58) Fluorene	10.37	166	596409	27.417	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.15	232	109464	19.837	ng	#	97
60) Diethylphthalate	10.25	149	692558	27.764	ng		96
61) 4-Chlorophenyl-phenylether	10.37	204	276185	25.950	ng		96
62) 4-Nitroaniline	10.39	138	155324	23.304	ng		92
63) Azobenzene	10.53	77	607814	24.716	ng		95
65) 4,6-Dinitro-2-methylphenol	10.42	198	2555	1.229	ng	#	17
66) n-Nitrosodiphenylamine	10.48	169	534123	42.047	ng		97
67) 4-Bromophenyl-phenylether	10.86	248	109372	27.548	ng		96
68) Hexachlorobenzene	10.93	284	109846	26.897	ng		98
69) Atrazine	11.01	200	120646	32.863	ng		100
70) Pentachlorophenol	11.12	266	70696	28.223	ng		98
71) Phenanthrene	11.33	178	576499	30.372	ng		93
72) Anthracene	11.39	178	583085	30.037	ng		95
73) Carbazole	11.54	167	521973	26.003	ng		95
74) Di-n-butylphthalate	11.87	149	599300	26.807	ng		96
75) Fluoranthene	12.52	202	470883	25.358	ng		95
77) Benzidine	12.64	184	151213	15.822	ng		97
78) Pyrene	12.75	202	475823	25.959	ng		95
80) Butylbenzylphthalate	13.37	149	251453	28.144	ng		95
81) Benzo(a)anthracene	13.94	228	413402	29.244	ng		97
82) 3,3'-Dichlorobenzidine	13.90	252	123645	21.516	ng		98
83) Chrysene	13.97	228	418187	28.082	ng		96
84) Bis(2-ethylhexyl)phthalate	13.93	149	514410	45.078	ng		96
85) Di-n-octyl phthalate	14.54	149	631732	32.820	ng	#	86
86) Indeno(1,2,3-cd)pyrene	16.81	276	276561	25.732	ng		94
88) Benzo(b)fluoranthene	14.97	252	329874	30.404	ng	#	94
89) Benzo(k)fluoranthene	15.00	252	343454	33.130	ng	#	95
90) Benzo(a)pyrene	15.33	252	290377	29.679	ng	#	96
91) Dibenzo(a,h)anthracene	16.82	278	237908	30.826	ng		97
92) Benzo(g,h,i)perylene	17.23	276	225455	29.761	ng		93

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

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