Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF081018\
Data File : BF108079.D
Acq On : 10 Aug 2018 13:07
Operator : JU/SJ
Sample : PB111926BS
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB111926BS

Manual Integrations APPROVED
Sohil
8/13/2018 3:51:40 PM

Quant Time: Aug 10 15:48:51 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF080818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 08 12:24:24 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.02	152	230269	20.00	ng		0.00
21) Naphthalene-d8	8.30	136	904879	20.00	ng		0.00
38) Acenaphthene-d10	10.07	164	461499	20.00	ng		0.00
63) Phenanthrene-d10	11.57	188	926809	20.00	ng		0.00
75) Chrysene-d12	14.22	240	661907	20.00	ng		0.00
86) Perylene-d12	15.78	264	574957	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	1649303	129.67	ng		0.02
7) Phenol-d6	6.64	99	2197418	130.01	ng		0.00
23) Nitrobenzene-d5	7.58	82	1453753	89.65	ng		0.00
41) 2,4,6-Tribromophenol	10.87	330	653737	142.01	ng		0.00
44) 2-Fluorobiphenyl	9.38	172	2669766	92.88	ng		0.00
78) Terphenyl-d14	13.15	244	2935279	112.75	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.98	88	279866	42.823	ng		89
3) Pyridine	3.74	79	758737	45.069	ng		86
4) n-Nitrosodimethylamine	3.69	42	418514	44.179	ng		82
6) Aniline	6.68	93	801344	34.856	ng		97
8) 2-Chlorophenol	6.81	128	691340	48.262	ng		99
9) Benzaldehyde	6.57	77	337396	25.747	ng		98
10) Phenol	6.65	94	829600	47.452	ng		86
11) bis(2-Chloroethyl)ether	6.75	93	672138	47.554	ng		90
12) 1,3-Dichlorobenzene	6.96	146	780084	47.097	ng		99
13) 1,4-Dichlorobenzene	7.04	146	789679	47.453	ng		98
14) 1,2-Dichlorobenzene	7.19	146	729219	47.109	ng		98
15) Benzyl Alcohol	7.15	79	675538	47.478	ng		96
16) 2,2'-oxybis(1-Chloropropan	7.28	45	1342338	46.101	ng		96
17) 2-Methylphenol	7.25	107	589283	47.970	ng		95
18) Hexachloroethane	7.53	117	287877	48.590	ng		92
19) n-Nitroso-di-n-propylamine	7.42	70	529625	46.339	ng	#	89
20) 3+4-Methylphenols	7.41	107	757573	48.124	ng		97
22) Acetophenone	7.42	105	979562	46.297	ng	#	92
24) Nitrobenzene	7.60	77	779309	47.525	ng		93
25) Isophorone	7.84	82	1418798	45.903	ng		99
26) 2-Nitrophenol	7.91	139	340833	55.039	ng		90
27) 2,4-Dimethylphenol	7.94	122	651481	47.491	ng		95
28) bis(2-Chloroethoxy)methane	8.04	93	857613	47.530	ng		99
29) 2,4-Dichlorophenol	8.15	162	621030	49.193	ng		99
30) 1,2,4-Trichlorobenzene	8.24	180	659309	47.369	ng		98
31) Naphthalene	8.32	128	1937350	47.078	ng		97
32) Benzoic acid	8.05	122	239216	32.285	ng		92
33) 4-Chloroaniline	8.37	127	516699	28.811	ng		98
34) Hexachlorobutadiene	8.43	225	424434	48.169	ng		97
35) Caprolactam	8.75	113	212223m	53.644	ng		
36) 4-Chloro-3-methylphenol	8.84	107	644727	47.341	ng		98
37) 2-Methylnaphthalene	9.01	142	1380395	47.411	ng		98
39) 1,2,4,5-Tetrachlorobenzene	9.18	216	671082	47.352	ng		99
40) Hexachlorocyclopentadiene	9.17	237	882505	96.407	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.29	196	461780	52.508	ng		99
43) 2,4,5-Trichlorophenol	9.33	196	494504	51.079	ng		95
45) 1,1'-Biphenyl	9.48	154	1633313	48.001	ng		98
46) 2-Chloronaphthalene	9.51	162	1293802	48.109	ng		99
47) 2-Nitroaniline	9.60	65	451237	51.857	ng		87
48) Acenaphthylene	9.93	152	2051928	48.262	ng		97
49) Dimethylphthalate	9.78	163	1561506	48.574	ng	#	98
50) 2,6-Dinitrotoluene	9.84	165	348447	51.807	ng		90
51) Acenaphthene	10.10	154	1300021	49.922	ng		97
52) 3-Nitroaniline	10.01	138	283918	38.582	ng		89
53) 2,4-Dinitrophenol	10.12	184	181937	72.958	ng	#	22
54) Dibenzofuran	10.27	168	1776598	47.090	ng		94
55) 4-Nitrophenol	10.17	139	519909	93.298	ng		87
56) 2,4-Dinitrotoluene	10.25	165	461898	53.353	ng	#	91
57) Fluorene	10.62	166	1422289	47.623	ng		97
58) 2,3,4,6-Tetrachlorophenol	10.39	232	409488	50.606	ng	#	86
59) Diethylphthalate	10.48	149	1540847	49.498	ng	#	94
60) 4-Chlorophenyl-phenylether	10.61	204	736564	47.330	ng		92
61) 4-Nitroaniline	10.64	138	365108	50.183	ng		92
62) Azobenzene	10.77	77	1528541	47.547	ng		92
64) 4,6-Dinitro-2-methylphenol	10.66	198	146291	42.708	ng		90
65) n-Nitrosodiphenylamine	10.72	169	1323719	48.332	ng		97
66) 4-Bromophenyl-phenylether	11.10	248	486089	48.262	ng	#	88
67) Hexachlorobenzene	11.17	284	509832	48.110	ng	#	85
68) Atrazine	11.25	200	447777	48.745	ng		96
69) Pentachlorophenol	11.36	266	481187	94.865	ng		99
70) Phenanthrene	11.59	178	2047856	46.846	ng		96
71) Anthracene	11.64	178	2115029	47.206	ng		95
72) Carbazole	11.80	167	1840021	46.223	ng		97
73) Di-n-butylphthalate	12.11	149	2287689	50.737	ng	#	96
74) Fluoranthene	12.78	202	2174861	45.586	ng		96
76) Benzidine	12.90	184	797942	32.266	ng		100
77) Pyrene	13.02	202	2171331	51.815	ng		96
79) Butylbenzylphthalate	13.62	149	952113	57.218	ng	#	96
80) Benzo(a)anthracene	14.21	228	1819810	47.907	ng		97
81) 3,3'-Dichlorobenzidine	14.17	252	512370	37.637	ng	#	95
82) Chrysene	14.25	228	1674769	48.090	ng		97
83) Bis(2-ethylhexyl)phthalate	14.18	149	1279318	56.774	ng		97
84) Di-n-octyl phthalate	14.81	149	1973769	57.434	ng	#	92
85) Indeno(1,2,3-cd)pyrene	17.41	276	1748366	57.941	ng	#	92
87) Benzo(b)fluoranthene	15.31	252	1657336	48.240	ng		96
88) Benzo(k)fluoranthene	15.35	252	1470692	46.568	ng	#	96
89) Benzo(a)pyrene	15.72	252	1492653	48.518	ng		96
90) Dibenzo(a,h)anthracene	17.43	278	1457517	57.259	ng	#	95
91) Benzo(g,h,i)perylene	17.91	276	1482583	59.149	ng	#	91

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

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