Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF082318\
Data File : BF108428.D
Acq On : 23 Aug 2018 18:43
Operator : JU/SJ
Sample : PB112233BS
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB112233BS

Manual Integrations APPROVED
Sohil
8/24/2018 12:14:05 PM

Quant Time: Aug 24 01:42:48 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 22 11:01:45 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.00	152	127225	20.00	ng		0.00
21) Naphthalene-d8	8.28	136	516159	20.00	ng		0.00
38) Acenaphthene-d10	10.05	164	263110	20.00	ng		0.00
63) Phenanthrene-d10	11.54	188	523819	20.00	ng		0.00
75) Chrysene-d12	14.19	240	344090	20.00	ng		0.00
86) Perylene-d12	15.74	264	269503	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	760149	108.17	ng		0.00
7) Phenol-d6	6.62	99	1018292	109.05	ng		0.00
23) Nitrobenzene-d5	7.57	82	664043	71.79	ng		0.00
41) 2,4,6-Tribromophenol	10.84	330	305728	116.49	ng		0.00
44) 2-Fluorobiphenyl	9.36	172	1315180	80.25	ng		0.00
78) Terphenyl-d14	13.12	244	1394931	103.07	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.01	88	135047	37.400	ng		89
3) Pyridine	3.75	79	376590	40.487	ng		87
4) n-Nitrosodimethylamine	3.71	42	198350	37.897	ng		81
6) Aniline	6.67	93	411110	32.366	ng		98
8) 2-Chlorophenol	6.79	128	343398	43.388	ng		99
9) Benzaldehyde	6.55	77	225158	31.099	ng		98
10) Phenol	6.64	94	412551	42.710	ng		90
11) bis(2-Chloroethyl)ether	6.73	93	330704	42.348	ng		94
12) 1,3-Dichlorobenzene	6.94	146	394158	43.071	ng		100
13) 1,4-Dichlorobenzene	7.02	146	396121	43.082	ng		97
14) 1,2-Dichlorobenzene	7.17	146	369360	43.188	ng		97
15) Benzyl Alcohol	7.14	79	316934	40.315	ng		95
16) 2,2'-oxybis(1-Chloropropan	7.27	45	639520	39.753	ng		99
17) 2-Methylphenol	7.24	107	304538	44.869	ng		94
18) Hexachloroethane	7.51	117	142507	43.535	ng		90
19) n-Nitroso-di-n-propylamine	7.41	70	259998	41.173	ng		90
20) 3+4-Methylphenols	7.40	107	367633	42.268	ng	#	86
22) Acetophenone	7.41	105	495687	41.071	ng	#	94
24) Nitrobenzene	7.58	77	388130	41.495	ng		96
25) Isophorone	7.82	82	710087	40.276	ng		98
26) 2-Nitrophenol	7.90	139	175381	49.650	ng		88
27) 2,4-Dimethylphenol	7.92	122	328137	41.934	ng		95
28) bis(2-Chloroethoxy)methane	8.02	93	428573	41.640	ng		99
29) 2,4-Dichlorophenol	8.14	162	312036	43.332	ng		98
30) 1,2,4-Trichlorobenzene	8.22	180	330861	41.673	ng		96
31) Naphthalene	8.31	128	1009839	43.020	ng		99
32) Benzoic acid	8.04	122	147404	34.396	ng		88
33) 4-Chloroaniline	8.35	127	215340	21.050	ng		97
34) Hexachlorobutadiene	8.41	225	213450	42.468	ng		99
35) Caprolactam	8.72	113	86729m	38.433	ng		
36) 4-Chloro-3-methylphenol	8.83	107	326879	42.078	ng		97
37) 2-Methylnaphthalene	9.00	142	705210	42.462	ng		99
39) 1,2,4,5-Tetrachlorobenzene	9.17	216	353755	43.782	ng		99
40) Hexachlorocyclopentadiene	9.15	237	357943	68.587	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	9.27	196	231297	46.131	ng		99
43) 2,4,5-Trichlorophenol	9.32	196	243755	44.163	ng	#	94
45) 1,1'-Biphenyl	9.46	154	857720	44.214	ng		99
46) 2-Chloronaphthalene	9.49	162	658936	42.977	ng		99
47) 2-Nitroaniline	9.58	65	221873	44.724	ng	#	84
48) Acenaphthylene	9.91	152	1064307	43.908	ng		99
49) Dimethylphthalate	9.76	163	785870	42.879	ng	#	99
50) 2,6-Dinitrotoluene	9.82	165	170552	44.478	ng		89
51) Acenaphthene	10.08	154	629242	42.383	ng		99
52) 3-Nitroaniline	10.00	138	118885	28.337	ng		97
53) 2,4-Dinitrophenol	10.11	184	119561	83.024	ng	#	21
54) Dibenzofuran	10.25	168	933716	43.410	ng		97
55) 4-Nitrophenol	10.16	139	242931	76.465	ng		84
56) 2,4-Dinitrotoluene	10.24	165	229347	46.466	ng	#	98
57) Fluorene	10.60	166	741968	43.576	ng		99
58) 2,3,4,6-Tetrachlorophenol	10.37	232	201099	43.591	ng		88
59) Diethylphthalate	10.46	149	762945	42.989	ng		96
60) 4-Chlorophenyl-phenylether	10.58	204	381203	42.965	ng		94
61) 4-Nitroaniline	10.62	138	175466	42.302	ng		92
62) Azobenzene	10.75	77	765019	41.740	ng		92
64) 4,6-Dinitro-2-methylphenol	10.65	198	83231	42.956	ng		76
65) n-Nitrosodiphenylamine	10.71	169	664808	42.948	ng		97
66) 4-Bromophenyl-phenylether	11.08	248	246520	43.306	ng	#	87
67) Hexachlorobenzene	11.15	284	258197	43.109	ng	#	87
68) Atrazine	11.23	200	219434	42.265	ng		94
69) Pentachlorophenol	11.34	266	231662	80.809	ng		97
70) Phenanthrene	11.57	178	1069801	43.300	ng		100
71) Anthracene	11.62	178	1103176	43.565	ng		98
72) Carbazole	11.77	167	939023	41.737	ng		99
73) Di-n-butylphthalate	12.08	149	1157348	45.415	ng		99
74) Fluoranthene	12.76	202	1143114	42.394	ng		96
76) Benzidine	12.88	184	501228	38.988	ng		99
77) Pyrene	12.99	202	1129573	51.852	ng		100
79) Butylbenzylphthalate	13.59	149	450604	52.091	ng	#	97
80) Benzo(a)anthracene	14.18	228	861508	43.627	ng		100
81) 3,3'-Dichlorobenzidine	14.14	252	149186	21.081	ng	#	97
82) Chrysene	14.22	228	795043	43.915	ng		99
83) Bis(2-ethylhexyl)phthalate	14.14	149	570473	48.700	ng		100
84) Di-n-octyl phthalate	14.77	149	792705	44.372	ng		97
85) Indeno(1,2,3-cd)pyrene	17.36	276	728500	46.441	ng	#	91
87) Benzo(b)fluoranthene	15.28	252	666311	41.376	ng		97
88) Benzo(k)fluoranthene	15.31	252	608569	41.110	ng	#	96
89) Benzo(a)pyrene	15.68	252	601859	41.736	ng		97
90) Dibenzo(a,h)anthracene	17.38	278	610744	51.187	ng	#	93
91) Benzo(g,h,i)perylene	17.85	276	619890	52.761	ng	#	90

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

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