Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_F\DATA\BF041619\
Data File : BF113797.D
Acq On : 16 Apr 2019 16:55
Operator : JU/SJ
Sample : K2203-10MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SU-01-041519-AMS

Manual Integrations APPROVED
Sohil
4/17/2019 3:45:38 PM

Quant Time: Apr 16 18:25:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF040319.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 16 17:22:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.67	152	8692	20.00	ng		0.00
21) Naphthalene-d8	7.95	136	11602	20.00	ng		0.00
39) Acenaphthene-d10	9.70	164	5000	20.00	ng		0.00
64) Phenanthrene-d10	11.19	188	8558	20.00	ng		0.00
76) Chrysene-d12	13.83	240	7316	20.00	ng		0.00
87) Perylene-d12	15.24	264	8941	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	780550	1531.31	ng		0.02
7) Phenol-d6	6.34	99	907526	1444.55	ng		0.00
23) Nitrobenzene-d5	7.25	82	632705	3194.35	ng		0.00
42) 2,4,6-Tribromophenol	10.50	330	269058	4479.66	ng		0.00
45) 2-Fluorobiphenyl	9.03	172	1144210	3684.11	ng		0.00
79) Terphenyl-d14	12.77	244	1018372	2834.09	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.44	88	118655	491.490	ng	#	85
3) Pyridine	3.15	79	245240	388.165	ng		95
4) n-Nitrosodimethylamine	3.05	42	137741	513.121	ng		98
6) Aniline	6.35	93	58662	77.034	ng	#	1
8) 2-Chlorophenol	6.47	128	326065	552.891	ng		98
9) Benzaldehyde	6.23	77	114583	306.740	ng		97
10) Phenol	6.35	94	346861	483.419	ng		91
11) bis(2-Chloroethyl)ether	6.42	93	318540	570.712	ng		97
12) 1,3-Dichlorobenzene	6.62	146	337103	530.784	ng		99
13) 1,4-Dichlorobenzene	6.69	146	348165	542.484	ng		99
14) 1,2-Dichlorobenzene	6.85	146	325539	561.942	ng		99
15) Benzyl Alcohol	6.86	79	153215m	360.686	ng		
16) 2,2'-oxybis(1-Chloropropan	6.95	45	492730	567.157	ng		87
17) 2-Methylphenol	6.96	107	274208	599.974	ng		94
18) Hexachloroethane	7.18	117	120884	517.471	ng		98
19) n-Nitroso-di-n-propylamine	7.10	70	228214	589.091	ng		100
20) 3+4-Methylphenols	7.13	107	316829	572.133	ng		97
22) Acetophenone	7.09	105	443645	1741.026	ng	#	98
24) Nitrobenzene	7.26	77	330548	1620.496	ng		99
25) Isophorone	7.50	82	607869	1593.134	ng		99
26) 2-Nitrophenol	7.58	139	178549	1626.399	ng		95
27) 2,4-Dimethylphenol	7.63	122	289808	1846.544	ng		99
28) bis(2-Chloroethoxy)methane	7.71	93	390399	1618.378	ng		99
29) 2,4-Dichlorophenol	7.85	162	280842	1672.451	ng		98
30) 1,2,4-Trichlorobenzene	7.90	180	295424	1620.036	ng		98
31) Naphthalene	7.97	128	946944	1684.524	ng		100
32) Benzoic acid	7.79	122	64083	527.298	ng		97
33) 4-Chloroaniline	8.07	127	44666	200.386	ng		99
34) Hexachlorobutadiene	8.09	225	177103	1592.979	ng		99
35) Caprolactam	8.42	113	55972m	1050.039	ng		
36) 4-Chloro-3-methylphenol	8.55	107	265950	1577.702	ng		97
37) 2-Methylnaphthalene	8.67	142	620471	1678.212	ng		98
38) 1-Methylnaphthalene	8.77	142	575912	1615.435	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.84	216	296004	1830.523	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.82	237	75129	1119.972	ng		96
43) 2,4,6-Trichlorophenol	8.96	196	173860	1703.308	ng		99
44) 2,4,5-Trichlorophenol	9.02	196	183611	1675.541	ng		97
46) 1,1'-Biphenyl	9.13	154	753156	1825.418	ng		99
47) 2-Chloronaphthalene	9.16	162	556458	1781.291	ng		100
48) 2-Nitroaniline	9.27	65	163453	1709.967	ng		92
49) Acenaphthylene	9.57	152	859247	1691.492	ng		99
50) Dimethylphthalate	9.43	163	633681	1719.309	ng		100
51) 2,6-Dinitrotoluene	9.50	165	137119	1687.772	ng	#	81
52) Acenaphthene	9.74	154	507022	1743.646	ng		100
53) 3-Nitroaniline	9.69	138	18899	204.605	ng		98
54) 2,4-Dinitrophenol	9.82	184	51373	1351.602	ng		99
55) Dibenzofuran	9.91	168	756241	1772.932	ng		100
56) 4-Nitrophenol	9.91	139	394749	6889.366	ng	#	20
57) 2,4-Dinitrotoluene	9.92	165	169632	1726.417	ng		96
58) Fluorene	10.26	166	574024	1701.483	ng		100
59) 2,3,4,6-Tetrachlorophenol	10.05	232	160054	1687.365	ng		93
60) Diethylphthalate	10.13	149	614474	1729.205	ng		100
61) 4-Chlorophenyl-phenylether	10.25	204	297588	1793.353	ng		94
62) 4-Nitroaniline	10.30	138	118143	1257.805	ng		96
63) Azobenzene	10.40	77	549275	1632.504	ng		98
65) 4,6-Dinitro-2-methylphenol	10.34	198	41038	910.861	ng		93
66) n-Nitrosodiphenylamine	10.37	169	513726	1955.371	ng		99
67) 4-Bromophenyl-phenylether	10.73	248	177036	1844.480	ng		93
68) Hexachlorobenzene	10.81	284	191835	1744.308	ng		97
69) Atrazine	10.90	200	147932	1786.412	ng		99
70) Pentachlorophenol	11.02	266	105029	2026.700	ng		98
71) Phenanthrene	11.22	178	753674	1772.296	ng		98
72) Anthracene	11.27	178	795817	1839.349	ng		99
73) Carbazole	11.43	167	714561	1765.817	ng		99
74) Di-n-butylphthalate	11.75	149	855210	1776.580	ng		98
75) Fluoranthene	12.40	202	783671	1719.745	ng		97
77) Benzidine	12.53	184	135515	498.110	ng		97
78) Pyrene	12.63	202	798347	1434.157	ng		99
80) Butylbenzylphthalate	13.24	149	347156	1532.044	ng		95
81) Benzo(a)anthracene	13.82	228	752838	1783.864	ng		100
82) 3,3'-Dichlorobenzidine	13.78	252	91507	562.945	ng		100
83) Chrysene	13.86	228	786944	1839.446	ng		99
84) Bis(2-ethylhexyl)phthalate	13.80	149	480673	1754.490	ng		99
85) Di-n-octyl phthalate	14.41	149	894268	2008.100	ng		100
86) Indeno(1,2,3-cd)pyrene	16.62	276	927729	2348.708	ng		99
88) Benzo(b)fluoranthene	14.84	252	908963	1660.813	ng		99
89) Benzo(k)fluoranthene	14.87	252	810496	1650.070	ng		99
90) Benzo(a)pyrene	15.19	252	876544	1802.362	ng		99
91) Dibenzo(a,h)anthracene	16.62	278	801835	1763.079	ng		99
92) Benzo(g,h,i)perylene	17.02	276	757985	1632.879	ng		99

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

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