Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011819\
Data File : BF112133.D
Acq On : 18 Jan 2019 19:14
Operator : JU/SJ
Sample : K1011-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
OR-03-011719-AMS

Manual Integrations APPROVED
Sohil
1/21/2019 12:00:55 PM

Quant Time: Jan 19 00:25:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF011619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 23:33:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.86	152	276631	20.00	ng		0.00
21) Naphthalene-d8	8.14	136	1085906	20.00	ng		0.00
39) Acenaphthene-d10	9.90	164	554023	20.00	ng		0.00
64) Phenanthrene-d10	11.39	188	1032143	20.00	ng		0.00
76) Chrysene-d12	14.03	240	613988	20.00	ng		0.00
87) Perylene-d12	15.50	264	596673	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.51	112	1686991	110.69	ng		0.02
7) Phenol-d6	6.51	99	2006295	105.21	ng		0.00
23) Nitrobenzene-d5	7.42	82	1520463	96.74	ng		0.00
42) 2,4,6-Tribromophenol	10.69	330	788814	131.98	ng		0.00
45) 2-Fluorobiphenyl	9.22	172	3060984	81.00	ng		0.00
79) Terphenyl-d14	12.97	244	2787901	96.60	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.80	88	230326	32.222	ng	#	82
3) Pyridine	3.52	79	538135	30.058	ng		97
4) n-Nitrosodimethylamine	3.45	42	298526	41.068	ng		100
6) Aniline	6.52	93	183370	7.906	ng	#	1
8) 2-Chlorophenol	6.66	128	743192	41.986	ng		98
9) Benzaldehyde	6.41	77	193924	14.849	ng		98
10) Phenol	6.52	94	709367	34.038	ng	#	77
11) bis(2-Chloroethyl)ether	6.59	93	686843	41.450	ng		98
12) 1,3-Dichlorobenzene	6.80	146	807903	39.994	ng		98
13) 1,4-Dichlorobenzene	6.87	146	821350	39.750	ng		99
14) 1,2-Dichlorobenzene	7.03	146	772008	40.561	ng		99
15) Benzyl Alcohol	7.00	79	622348	43.806	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.13	45	906515	37.936	ng		84
17) 2-Methylphenol	7.12	107	567298	42.676	ng		95
18) Hexachloroethane	7.37	117	284839	41.302	ng		97
19) n-Nitroso-di-n-propylamine	7.27	70	508063	43.735	ng		96
20) 3+4-Methylphenols	7.27	107	724502	44.950	ng	#	77
22) Acetophenone	7.26	105	1009595	40.131	ng		96
24) Nitrobenzene	7.44	77	770319	46.244	ng		97
25) Isophorone	7.68	82	1417340	46.686	ng		98
26) 2-Nitrophenol	7.76	139	404729	47.387	ng		97
27) 2,4-Dimethylphenol	7.80	122	666523	47.298	ng		96
28) bis(2-Chloroethoxy)methane	7.89	93	898571	43.149	ng		100
29) 2,4-Dichlorophenol	8.00	162	673395	43.743	ng		99
30) 1,2,4-Trichlorobenzene	8.08	180	734120	41.092	ng		98
31) Naphthalene	8.16	128	2178915	44.116	ng		99
32) Benzoic acid	7.94	122	319131m	48.758	ng		
33) 4-Chloroaniline	8.21	127	151370	6.819	ng		98
34) Hexachlorobutadiene	8.28	225	394984	39.729	ng		97
35) Caprolactam	8.58	113	171217m	31.778	ng		
36) 4-Chloro-3-methylphenol	8.71	107	679752	45.210	ng		97
37) 2-Methylnaphthalene	8.86	142	1587677	47.339	ng		99
38) 1-Methylnaphthalene	8.96	142	1496271	46.422	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.02	216	741039	41.654	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	9.01	237	303677	46.384	ng		97
43) 2,4,6-Trichlorophenol	9.14	196	492672	46.292	ng		99
44) 2,4,5-Trichlorophenol	9.19	196	534924	47.192	ng		99
46) 1,1'-Biphenyl	9.32	154	1928693	41.633	ng		99
47) 2-Chloronaphthalene	9.35	162	1508970	41.613	ng		98
48) 2-Nitroaniline	9.44	65	417895	51.163	ng		93
49) Acenaphthylene	9.76	152	2368966	44.768	ng		100
50) Dimethylphthalate	9.62	163	1841534	45.578	ng		100
51) 2,6-Dinitrotoluene	9.68	165	416530	51.622	ng		92
52) Acenaphthene	9.93	154	1383053	42.717	ng		100
53) 3-Nitroaniline	9.85	138	105750	11.720	ng		96
54) 2,4-Dinitrophenol	9.96	184	201279	77.678	ng		96
55) Dibenzofuran	10.10	168	2094219	42.772	ng		96
56) 4-Nitrophenol	10.03	139	497521	77.349	ng		97
57) 2,4-Dinitrotoluene	10.09	165	533671	51.187	ng	#	85
58) Fluorene	10.45	166	1626625	44.465	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.23	232	439637	51.399	ng		99
60) Diethylphthalate	10.32	149	1817544	46.084	ng		99
61) 4-Chlorophenyl-phenylether	10.43	204	813109	41.190	ng		94
62) 4-Nitroaniline	10.47	138	353102	39.410	ng		93
63) Azobenzene	10.60	77	1580555	41.848	ng		94
65) 4,6-Dinitro-2-methylphenol	10.50	198	159842	39.411	ng		92
66) n-Nitrosodiphenylamine	10.56	169	1514624	44.389	ng		100
67) 4-Bromophenyl-phenylether	10.93	248	527228	43.977	ng		92
68) Hexachlorobenzene	11.00	284	541717	41.947	ng		96
69) Atrazine	11.09	200	515402	46.809	ng		99
70) Pentachlorophenol	11.20	266	490541	79.077	ng		99
71) Phenanthrene	11.41	178	2269912	43.700	ng		100
72) Anthracene	11.46	178	2323364	44.155	ng		99
73) Carbazole	11.62	167	2069380	39.259	ng		98
74) Di-n-butylphthalate	11.94	149	2706932	45.654	ng		99
75) Fluoranthene	12.60	202	2101519	38.319	ng		99
77) Benzidine	12.71	184	443192	21.634	ng		95
78) Pyrene	12.83	202	2055218	50.736	ng		100
80) Butylbenzylphthalate	13.43	149	1007823	56.711	ng		91
81) Benzo(a)anthracene	14.02	228	1594251	45.286	ng		99
82) 3,3'-Dichlorobenzidine	13.97	252	292900	22.216	ng		99
83) Chrysene	14.05	228	1509989	45.330	ng		99
84) Bis(2-ethylhexyl)phthalate	14.00	149	1399099	54.933	ng		100
85) Di-n-octyl phthalate	14.61	149	2056841	52.414	ng		99
86) Indeno(1,2,3-cd)pyrene	16.98	276	1386799	45.125	ng		98
88) Benzo(b)fluoranthene	15.07	252	1525304	45.035	ng		99
89) Benzo(k)fluoranthene	15.10	252	1506447	45.954	ng		99
90) Benzo(a)pyrene	15.44	252	1442460	46.440	ng		99
91) Dibenzo(a,h)anthracene	16.99	278	1183325	42.894	ng		99
92) Benzo(g,h,i)perylene	17.43	276	1085578	39.943	ng		97

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

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