Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF081519\
Data File : BF116296.D
Acq On : 15 Aug 2019 23:25
Operator : HP/JU
Sample : K4321-03MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SP-2MSD

Manual Integrations APPROVED
Jagrut
8/16/2019 5:34:12 PM

Quant Time: Aug 16 11:20:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Aug 07 11:13:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.82	152	86566	20.00	ng		-0.03
21) Naphthalene-d8	8.10	136	337533	20.00	ng		-0.03
39) Acenaphthene-d10	9.85	164	186937	20.00	ng		-0.04
64) Phenanthrene-d10	11.34	188	340795	20.00	ng		-0.03
76) Chrysene-d12	13.98	240	303733	20.00	ng		-0.03
87) Perylene-d12	15.44	264	327055	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.44	112	640058	123.78	ng		-0.03
7) Phenol-d6	6.46	99	819293	125.58	ng		-0.02
23) Nitrobenzene-d5	7.38	82	523819	89.58	ng		-0.04
42) 2,4,6-Tribromophenol	10.65	330	239707	132.26	ng		-0.03
45) 2-Fluorobiphenyl	9.17	172	952404	95.43	ng		-0.04
79) Terphenyl-d14	12.92	244	1234772	85.66	ng		-0.04
Target Compounds							Qvalue
2) 1,4-Dioxane	2.52	88	89634	34.312	ng		99
3) Pyridine	3.29	79	231720	31.754	ng		98
4) n-Nitrosodimethylamine	3.22	42	104620m	36.329	ng		
6) Aniline	6.48	93	279298	29.893	ng	#	78
8) 2-Chlorophenol	6.61	128	258679	45.239	ng		99
9) Benzaldehyde	6.37	77	120014	26.660	ng		98
10) Phenol	6.47	94	341809	44.490	ng		86
11) bis(2-Chloroethyl)ether	6.55	93	248916	44.068	ng		99
12) 1,3-Dichlorobenzene	6.76	146	273580	41.399	ng		99
13) 1,4-Dichlorobenzene	6.83	146	282537	42.700	ng		98
14) 1,2-Dichlorobenzene	6.99	146	262202	43.036	ng		98
15) Benzyl Alcohol	6.96	79	216304	43.688	ng		99
16) 2,2'-oxybis(1-Chloropropan	7.09	45	322073	41.803	ng		90
17) 2-Methylphenol	7.08	107	214195	44.239	ng		98
18) Hexachloroethane	7.32	117	100017	41.056	ng		96
19) n-Nitroso-di-n-propylamine	7.23	70	178970	44.268	ng		97
20) 3+4-Methylphenols	7.23	107	280056	48.878	ng		93
22) Acetophenone	7.23	105	357790	48.333	ng	#	94
24) Nitrobenzene	7.40	77	285922	45.285	ng		97
25) Isophorone	7.64	82	509942	45.607	ng		100
26) 2-Nitrophenol	7.72	139	140850	47.325	ng		92
27) 2,4-Dimethylphenol	7.76	122	230918	51.570	ng		100
28) bis(2-Chloroethoxy)methane	7.85	93	316062	45.606	ng		99
29) 2,4-Dichlorophenol	7.97	162	228994	48.435	ng		99
30) 1,2,4-Trichlorobenzene	8.04	180	237853	44.134	ng		100
31) Naphthalene	8.12	128	754334	47.491	ng		98
32) Benzoic acid	7.90	122	107042	33.907	ng		98
33) 4-Chloroaniline	8.17	127	136314	19.208	ng		99
34) Hexachlorobutadiene	8.23	225	132789	42.777	ng		99
35) Caprolactam	8.54	113	74078m	48.445	ng		
36) 4-Chloro-3-methylphenol	8.66	107	238704	48.532	ng		97
37) 2-Methylnaphthalene	8.81	142	504763	48.253	ng		98
38) 1-Methylnaphthalene	8.91	142	470681	47.562	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.98	216	228556	45.733	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.96	237	90051	43.088	ng		100
43) 2,4,6-Trichlorophenol	9.10	196	144226	41.927	ng		99
44) 2,4,5-Trichlorophenol	9.15	196	152805	42.973	ng		97
46) 1,1'-Biphenyl	9.27	154	623090	47.212	ng		98
47) 2-Chloronaphthalene	9.30	162	482268	43.905	ng		100
48) 2-Nitroaniline	9.40	65	155912	42.942	ng		90
49) Acenaphthylene	9.72	152	752378	46.950	ng		98
50) Dimethylphthalate	9.57	163	666563	52.369	ng		100
51) 2,6-Dinitrotoluene	9.64	165	127413	46.063	ng		92
52) Acenaphthene	9.89	154	456757	46.460	ng		100
53) 3-Nitroaniline	9.82	138	97498	28.526	ng		95
54) 2,4-Dinitrophenol	9.93	184	85270	62.503	ng		99
55) Dibenzofuran	10.06	168	666852	46.642	ng		99
56) 4-Nitrophenol	9.99	139	166341	75.973	ng		93
57) 2,4-Dinitrotoluene	10.05	165	168302	45.699	ng		94
58) Fluorene	10.40	166	543753	49.433	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.19	232	139336	46.576	ng		99
60) Diethylphthalate	10.27	149	566712	47.689	ng		99
61) 4-Chlorophenyl-phenylether	10.39	204	271182	48.678	ng		99
62) 4-Nitroaniline	10.43	138	144049	40.782	ng		98
63) Azobenzene	10.55	77	587024	48.027	ng		96
65) 4,6-Dinitro-2-methylphenol	10.47	198	79344	43.934	ng		97
66) n-Nitrosodiphenylamine	10.51	169	477463	46.547	ng		100
67) 4-Bromophenyl-phenylether	10.87	248	164124	44.988	ng		96
68) Hexachlorobenzene	10.96	284	185325	43.931	ng		93
69) Atrazine	11.03	200	156009	46.231	ng		99
70) Pentachlorophenol	11.15	266	146322	71.443	ng		99
71) Phenanthrene	11.36	178	826538	47.442	ng		99
72) Anthracene	11.42	178	863483	48.972	ng		99
73) Carbazole	11.57	167	791609	49.486	ng		99
74) Di-n-butylphthalate	11.89	149	958038	51.340	ng		98
75) Fluoranthene	12.55	202	926493	50.797	ng		98
77) Benzidine	12.67	184	432622	42.160	ng		98
78) Pyrene	12.78	202	945341	41.289	ng		99
80) Butylbenzylphthalate	13.39	149	435484	44.965	ng		99
81) Benzo(a)anthracene	13.97	228	881977	45.431	ng		100
82) 3,3'-Dichlorobenzidine	13.93	252	179283	26.582	ng		98
83) Chrysene	14.00	228	882499	46.823	ng		98
84) Bis(2-ethylhexyl)phthalate	13.94	149	629750	50.037	ng	#	97
85) Di-n-octyl phthalate	14.55	149	1065669	53.309	ng		99
86) Indeno(1,2,3-cd)pyrene	16.90	276	847474	53.536	ng		100
88) Benzo(b)fluoranthene	15.02	252	844053	44.634	ng		99
89) Benzo(k)fluoranthene	15.04	252	854304	46.381	ng		99
90) Benzo(a)pyrene	15.37	252	809000	47.856	ng		99
91) Dibenzo(a,h)anthracene	16.90	278	712486	48.691	ng		100
92) Benzo(g,h,i)perylene	17.33	276	702556	48.888	ng		97

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

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