Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115210.D
Acq On : 26 Jun 2019 9:21
Operator : HP/JU
Sample : K3309-08MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS043MW010-190611MS

Quant Time: Jun 26 12:25:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 26 12:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	273713	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	1093554	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	556565	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1101872	20.00	ng		0.00
76) Chrysene-d12	13.73	240	864067	20.00	ng		0.00
87) Perylene-d12	15.09	264	905002	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	738547	41.64	ng		0.00
7) Phenol-d6	6.24	99	651069	30.24	ng		-0.01
23) Nitrobenzene-d5	7.17	82	757428	42.61	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	346741	59.08	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	1534315	46.83	ng		-0.01
79) Terphenyl-d14	12.70	244	1923705	47.34	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	137481	16.424	ng		98
3) Pyridine	2.88	79	358068	15.176	ng		99
4) n-Nitrosodimethylamine	2.81	42	134345	14.525	ng		96
6) Aniline	6.27	93	434649	14.690	ng		95
8) 2-Chlorophenol	6.40	128	371392	18.621	ng		99
9) Benzaldehyde	6.15	77	81731	5.819	ng		98
10) Phenol	6.26	94	280094	11.107	ng		88
11) bis(2-Chloroethyl)ether	6.35	93	376842	20.272	ng		97
12) 1,3-Dichlorobenzene	6.55	146	434010	19.608	ng		98
13) 1,4-Dichlorobenzene	6.63	146	460122	20.730	ng		97
14) 1,2-Dichlorobenzene	6.78	146	419868	20.427	ng		99
15) Benzyl Alcohol	6.75	79	317113	20.229	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	507789	18.834	ng		98
17) 2-Methylphenol	6.87	107	300771	18.270	ng		99
18) Hexachloroethane	7.12	117	154267	19.278	ng		98
19) n-Nitroso-di-n-propylamine	7.02	70	262542	19.048	ng		97
20) 3+4-Methylphenols	7.02	107	332820	17.509	ng	#	86
22) Acetophenone	7.02	105	555511	22.189	ng		95
24) Nitrobenzene	7.19	77	407999	20.833	ng		97
25) Isophorone	7.43	82	735127	20.187	ng		97
26) 2-Nitrophenol	7.51	139	194718	20.133	ng		99
27) 2,4-Dimethylphenol	7.55	122	330763	20.888	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	459960	19.983	ng		98
29) 2,4-Dichlorophenol	7.75	162	313178	19.164	ng		98
30) 1,2,4-Trichlorobenzene	7.84	180	371969	20.607	ng		100
31) Naphthalene	7.91	128	1159479	21.600	ng		97
33) 4-Chloroaniline	7.96	127	390017	15.898	ng		98
34) Hexachlorobutadiene	8.04	225	199068	20.124	ng		100
35) Caprolactam	8.31	113	36065	6.564	ng		98
36) 4-Chloro-3-methylphenol	8.44	107	327983	19.818	ng		97
37) 2-Methylnaphthalene	8.60	142	791747	21.875	ng		98
38) 1-Methylnaphthalene	8.70	142	816602	23.623	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	339513	21.587	ng		99
41) Hexachlorocyclopentadiene	8.77	237	353795	37.937	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.88	196	216012	17.790	ng		98
44) 2,4,5-Trichlorophenol	8.92	196	246617	19.723	ng		97
46) 1,1'-Biphenyl	9.07	154	954301	21.429	ng		98
47) 2-Chloronaphthalene	9.08	162	751070	20.792	ng		98
48) 2-Nitroaniline	9.18	65	227490	21.601	ng		100
49) Acenaphthylene	9.50	152	1184173	21.040	ng		98
50) Dimethylphthalate	9.37	163	959216	23.425	ng		98
51) 2,6-Dinitrotoluene	9.42	165	197045	20.844	ng		95
52) Acenaphthene	9.67	154	852798	24.215	ng		99
53) 3-Nitroaniline	9.58	138	171966	14.906	ng		100
54) 2,4-Dinitrophenol	9.69	184	64570	19.399	ng		97
55) Dibenzofuran	9.84	168	1057059	20.912	ng		96
56) 4-Nitrophenol	9.75	139	201108	21.744	ng		99
57) 2,4-Dinitrotoluene	9.82	165	267694	21.930	ng		98
58) Fluorene	10.18	166	870586	22.588	ng		100
59) 2,3,4,6-Tetrachlorophenol	9.96	232	198709	18.952	ng		99
60) Diethylphthalate	10.07	149	865988	21.039	ng		98
61) 4-Chlorophenyl-phenylether	10.18	204	368474	19.128	ng		99
62) 4-Nitroaniline	10.19	138	260018	22.467	ng		99
63) Azobenzene	10.34	77	785200	20.424	ng		98
65) 4,6-Dinitro-2-methylphenol	10.22	198	65537	14.983	ng		99
66) n-Nitrosodiphenylamine	10.30	169	730957	21.293	ng		98
67) 4-Bromophenyl-phenylether	10.67	248	250305	20.952	ng		94
68) Hexachlorobenzene	10.73	284	273289	21.075	ng	#	91
69) Atrazine	10.82	200	234799	21.262	ng		99
70) Pentachlorophenol	10.92	266	230370	27.886	ng		99
71) Phenanthrene	11.14	178	1348703	22.734	ng		97
72) Anthracene	11.18	178	1320752	22.054	ng		98
73) Carbazole	11.34	167	1173884	21.952	ng		98
74) Di-n-butylphthalate	11.69	149	1372603	22.212	ng		98
75) Fluoranthene	12.31	202	1340475	22.646	ng		98
77) Benzidine	12.44	184	382903	9.980	ng	#	93
78) Pyrene	12.54	202	1357067	20.437	ng		98
80) Butylbenzylphthalate	13.17	149	623902	21.290	ng		95
81) Benzo(a)anthracene	13.72	228	1234538	19.912	ng		97
82) 3,3'-Dichlorobenzidine	13.68	252	253574	11.326	ng	#	98
83) Chrysene	13.75	228	1207829	21.267	ng		98
84) Bis(2-ethylhexyl)phthalate	13.74	149	854511	22.254	ng		99
85) Di-n-octyl phthalate	14.35	149	1466824	22.736	ng		99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1213693	18.060	ng		100
88) Benzo(b)fluoranthene	14.72	252	1270963	22.507	ng		98
89) Benzo(k)fluoranthene	14.74	252	1127981	22.274	ng		99
90) Benzo(a)pyrene	15.04	252	1144280	22.482	ng		99
91) Dibenzo(a,h)anthracene	16.38	278	1017514	21.414	ng		98
92) Benzo(g,h,i)perylene	16.74	276	991761	20.623	ng		97

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

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