Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF061319\
Data File : BF114998.D
Acq On : 13 Jun 2019 12:58
Operator : HP/JU
Sample : K3294-02MS
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : S1(5-10)MS

Quant Time: Jun 13 18:24:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF061219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 12 15:42:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.65	152	272735	20.00	ng		0.00
21) Naphthalene-d8	7.93	136	1040389	20.00	ng		0.00
39) Acenaphthene-d10	9.68	164	477392	20.00	ng		0.00
64) Phenanthrene-d10	11.15	188	772934	20.00	ng		0.00
76) Chrysene-d12	13.77	240	459573	20.00	ng		0.00
87) Perylene-d12	15.15	264	545762	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.27	112	1442063	88.29	ng		0.01
7) Phenol-d6	6.30	99	1957403	99.35	ng		0.00
23) Nitrobenzene-d5	7.22	82	1222392	70.72	ng		0.00
42) 2,4,6-Tribromophenol	10.46	330	299465	58.58	ng		0.00
45) 2-Fluorobiphenyl	9.01	172	2164841	76.86	ng		0.00
79) Terphenyl-d14	12.73	244	1710313	70.00	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.34	88	223092	29.180	ng		99
3) Pyridine	3.01	79	615913	28.614	ng		100
4) n-Nitrosodimethylamine	2.95	42	247409	32.375	ng		95
6) Aniline	6.31	93	458739	17.386	ng	#	33
8) 2-Chlorophenol	6.44	128	615101	33.211	ng		97
9) Benzaldehyde	6.19	77	132408	6.200	ng		98
10) Phenol	6.31	94	729924	33.112	ng		86
11) bis(2-Chloroethyl)ether	6.39	93	599644	35.047	ng		98
12) 1,3-Dichlorobenzene	6.59	146	708880	32.769	ng		97
13) 1,4-Dichlorobenzene	6.66	146	723444	33.264	ng		99
14) 1,2-Dichlorobenzene	6.82	146	678831	33.153	ng		98
15) Benzyl Alcohol	6.80	79	502542	34.043	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.93	45	775205	33.852	ng		99
17) 2-Methylphenol	6.92	107	537076	34.767	ng		100
18) Hexachloroethane	7.16	117	242075	30.821	ng		97
19) n-Nitroso-di-n-propylamine	7.07	70	413361	34.530	ng		99
20) 3+4-Methylphenols	7.07	107	637609	34.680	ng		90
22) Acetophenone	7.06	105	881542	37.431	ng		97
24) Nitrobenzene	7.23	77	642512	36.535	ng		96
25) Isophorone	7.47	82	1160828	35.858	ng		99
26) 2-Nitrophenol	7.55	139	219550	22.398	ng		98
27) 2,4-Dimethylphenol	7.60	122	566991	40.097	ng		99
28) bis(2-Chloroethoxy)methane	7.69	93	747533	35.992	ng		99
29) 2,4-Dichlorophenol	7.79	162	490730	32.850	ng		97
30) 1,2,4-Trichlorobenzene	7.87	180	606160	35.117	ng		100
31) Naphthalene	7.95	128	1819406	36.961	ng		99
32) Benzoic acid	7.60	122	566991	55.417	ng	#	16
33) 4-Chloroaniline	8.00	127	456745	20.101	ng		96
34) Hexachlorobutadiene	8.08	225	331273	34.528	ng		99
35) Caprolactam	8.36	113	155556	31.265	ng		98
36) 4-Chloro-3-methylphenol	8.49	107	539357	35.828	ng		98
37) 2-Methylnaphthalene	8.65	142	1217663	37.088	ng		99
38) 1-Methylnaphthalene	8.74	142	1141370	36.782	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.81	216	543973	38.569	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.80	237	218829	31.487	ng		100
43) 2,4,6-Trichlorophenol	8.92	196	188071	17.853	ng		99
44) 2,4,5-Trichlorophenol	8.97	196	275945	25.920	ng		99
46) 1,1'-Biphenyl	9.10	154	1418438	37.078	ng		99
47) 2-Chloronaphthalene	9.13	162	1123428	36.315	ng		99
48) 2-Nitroaniline	9.22	65	318635	34.848	ng		96
49) Acenaphthylene	9.54	152	1716129	36.081	ng		99
50) Dimethylphthalate	9.41	163	1723111	47.995	ng		100
51) 2,6-Dinitrotoluene	9.47	165	295217	36.250	ng		96
52) Acenaphthene	9.71	154	984618	36.183	ng		99
53) 3-Nitroaniline	9.63	138	280679	28.130	ng		94
55) Dibenzofuran	9.88	168	1479860	36.083	ng		99
56) 4-Nitrophenol	9.80	139	78550	11.416	ng		93
57) 2,4-Dinitrotoluene	9.86	165	366929	35.399	ng		95
58) Fluorene	10.22	166	1013871	35.358	ng		98
59) 2,3,4,6-Tetrachlorophenol	10.00	232	55077	6.405	ng	#	78
60) Diethylphthalate	10.10	149	1246954	36.325	ng		100
61) 4-Chlorophenyl-phenylether	10.22	204	519105	36.956	ng		99
62) 4-Nitroaniline	10.24	138	305575	30.459	ng		95
63) Azobenzene	10.37	77	1052043	35.031	ng		100
66) n-Nitrosodiphenylamine	10.33	169	1002813	43.404	ng		99
67) 4-Bromophenyl-phenylether	10.70	248	331731	39.972	ng		99
68) Hexachlorobenzene	10.77	284	338409	37.038	ng		100
69) Atrazine	10.86	200	314251	42.186	ng		99
70) Pentachlorophenol	10.96	266	11204	2.258	ng		99
71) Phenanthrene	11.17	178	1445466	36.220	ng		99
72) Anthracene	11.23	178	1486289	36.917	ng		99
73) Carbazole	11.38	167	1278403	36.380	ng		97
74) Di-n-butylphthalate	11.72	149	1702423	38.428	ng		99
75) Fluoranthene	12.36	202	1290988	31.636	ng		98
77) Benzidine	12.47	184	557796	30.007	ng		96
78) Pyrene	12.58	202	1282448	30.632	ng		99
80) Butylbenzylphthalate	13.21	149	592319	30.290	ng		97
81) Benzo(a)anthracene	13.76	228	1145988	33.322	ng		99
82) 3,3'-Dichlorobenzidine	13.73	252	397639	30.159	ng	#	97
83) Chrysene	13.80	228	1171078	34.243	ng		98
84) Bis(2-ethylhexyl)phthalate	13.77	149	773888	33.485	ng		98
85) Di-n-octyl phthalate	14.38	149	1398951	35.150	ng		99
86) Indeno(1,2,3-cd)pyrene	16.45	276	1059270	35.261	ng		99
88) Benzo(b)fluoranthene	14.77	252	1238687	34.142	ng		100
89) Benzo(k)fluoranthene	14.80	252	1184881	37.208	ng		100
90) Benzo(a)pyrene	15.10	252	1148470	36.685	ng		98
91) Dibenzo(a,h)anthracene	16.46	278	903405	33.508	ng		99
92) Benzo(g,h,i)perylene	16.84	276	840166	30.556	ng		99

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

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