Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062619\
Data File : BF115211.D
Acq On : 26 Jun 2019 9:47
Operator : HP/JU
Sample : K3309-09MSD
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : SS043MW010-190611MSD

Quant Time: Jun 26 12:33:58 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	271628	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	1102598	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	557544	20.00	ng		0.00
64) Phenanthrene-d10	11.11	188	1113977	20.00	ng		0.00
76) Chrysene-d12	13.73	240	866275	20.00	ng		0.00
87) Perylene-d12	15.09	264	861040	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	733212	41.66	ng		0.00
7) Phenol-d6	6.24	99	652590	30.55	ng		-0.01
23) Nitrobenzene-d5	7.17	82	754510	42.10	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	347130	59.04	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	1540019	46.92	ng		-0.01
79) Terphenyl-d14	12.69	244	1951709	47.90	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.23	88	140477	16.910	ng		99
3) Pyridine	2.88	79	355587	15.187	ng		99
4) n-Nitrosodimethylamine	2.81	42	131742	14.353	ng		95
6) Aniline	6.27	93	432039	14.714	ng		97
8) 2-Chlorophenol	6.40	128	371592	18.774	ng		97
9) Benzaldehyde	6.15	77	82722	5.935	ng		100
10) Phenol	6.25	94	280657	11.215	ng		88
11) bis(2-Chloroethyl)ether	6.35	93	374169	20.283	ng		97
12) 1,3-Dichlorobenzene	6.55	146	431195	19.630	ng		99
13) 1,4-Dichlorobenzene	6.63	146	457598	20.775	ng		97
14) 1,2-Dichlorobenzene	6.78	146	418943	20.538	ng		99
15) Benzyl Alcohol	6.75	79	320807	20.621	ng		100
16) 2,2'-oxybis(1-Chloropropan	6.90	45	512081	19.139	ng		98
17) 2-Methylphenol	6.87	107	298460	18.269	ng		98
18) Hexachloroethane	7.12	117	155403	19.570	ng		96
19) n-Nitroso-di-n-propylamine	7.02	70	266086	19.454	ng		97
20) 3+4-Methylphenols	7.02	107	329241	17.453	ng	#	86
22) Acetophenone	7.02	105	550098	21.793	ng	#	96
24) Nitrobenzene	7.19	77	403618	20.440	ng		95
25) Isophorone	7.43	82	739335	20.136	ng		98
26) 2-Nitrophenol	7.51	139	194841	19.980	ng		99
27) 2,4-Dimethylphenol	7.55	122	333596	20.894	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	468524	20.189	ng		98
29) 2,4-Dichlorophenol	7.75	162	313902	19.051	ng		98
30) 1,2,4-Trichlorobenzene	7.84	180	370637	20.364	ng		99
31) Naphthalene	7.91	128	1157124	21.379	ng		97
32) Benzoic acid	7.61	122	32716	2.871	ng		95
33) 4-Chloroaniline	7.96	127	392130	15.853	ng		99
34) Hexachlorobutadiene	8.04	225	202809	20.334	ng		100
35) Caprolactam	8.31	113	36754	6.635	ng		99
36) 4-Chloro-3-methylphenol	8.44	107	331801	19.884	ng		98
37) 2-Methylnaphthalene	8.60	142	796771	21.833	ng		98
38) 1-Methylnaphthalene	8.70	142	817699	23.461	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	341361	21.667	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	350855	37.556	ng		99
43) 2,4,6-Trichlorophenol	8.88	196	219933	18.081	ng		98
44) 2,4,5-Trichlorophenol	8.92	196	246428	19.673	ng		99
46) 1,1'-Biphenyl	9.07	154	950273	21.301	ng		98
47) 2-Chloronaphthalene	9.08	162	753855	20.832	ng		98
48) 2-Nitroaniline	9.18	65	228183	21.629	ng		100
49) Acenaphthylene	9.50	152	1193574	21.170	ng		98
50) Dimethylphthalate	9.37	163	974175	23.749	ng		98
51) 2,6-Dinitrotoluene	9.42	165	200656	21.188	ng		91
52) Acenaphthene	9.67	154	868914	24.629	ng		99
53) 3-Nitroaniline	9.58	138	167951	14.533	ng		98
54) 2,4-Dinitrophenol	9.69	184	88044	23.753	ng		95
55) Dibenzofuran	9.84	168	1062964	20.992	ng		97
56) 4-Nitrophenol	9.75	139	209717	22.635	ng		99
57) 2,4-Dinitrotoluene	9.82	165	275915	22.564	ng		99
58) Fluorene	10.18	166	873984	22.653	ng		100
59) 2,3,4,6-Tetrachlorophenol	9.96	232	202128	19.244	ng		99
60) Diethylphthalate	10.07	149	876911	21.267	ng		98
61) 4-Chlorophenyl-phenylether	10.18	204	377766	19.764	ng		99
62) 4-Nitroaniline	10.19	138	263200	22.702	ng		98
63) Azobenzene	10.34	77	805397	20.912	ng		97
65) 4,6-Dinitro-2-methylphenol	10.22	198	78047	16.767	ng		99
66) n-Nitrosodiphenylamine	10.30	169	737370	21.246	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	254699	21.088	ng		93
68) Hexachlorobenzene	10.72	284	277968	21.203	ng		97
69) Atrazine	10.82	200	243285	21.792	ng		99
70) Pentachlorophenol	10.92	266	244193	29.238	ng		99
71) Phenanthrene	11.13	178	1369600	22.835	ng		98
72) Anthracene	11.18	178	1321842	21.833	ng		98
73) Carbazole	11.34	167	1184794	21.915	ng		98
74) Di-n-butylphthalate	11.69	149	1419714	22.725	ng		98
75) Fluoranthene	12.31	202	1372592	22.937	ng		98
77) Benzidine	12.44	184	414057	10.764	ng	#	95
78) Pyrene	12.54	202	1388371	20.855	ng		98
80) Butylbenzylphthalate	13.17	149	640603	21.804	ng		97
81) Benzo(a)anthracene	13.72	228	1237044	19.902	ng		98
82) 3,3'-Dichlorobenzidine	13.68	252	256956	11.448	ng	#	98
83) Chrysene	13.75	228	1220879	21.442	ng		98
84) Bis(2-ethylhexyl)phthalate	13.74	149	875100	22.732	ng		99
85) Di-n-octyl phthalate	14.35	149	1461328	22.593	ng		99
86) Indeno(1,2,3-cd)pyrene	16.35	276	1169578	17.359	ng		100
88) Benzo(b)fluoranthene	14.72	252	1246720	23.205	ng		98
89) Benzo(k)fluoranthene	14.74	252	1066702	22.139	ng		99
90) Benzo(a)pyrene	15.04	252	1098175	22.678	ng		99
91) Dibenzo(a,h)anthracene	16.37	278	980883	21.697	ng		98
92) Benzo(g,h,i)perylene	16.73	276	958363	20.946	ng		98

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

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