Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF012919\
Data File : BF112295.D
Acq On : 29 Jan 2019 15:16
Operator : JU/SJ
Sample : K1008-03MSD 2X
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : HD-01-012819MSD

Quant Time: Jan 30 00:39:54 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF012519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jan 28 10:38:18 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	178637	20.00	ng		0.00
21) Naphthalene-d8	8.12	136	671515	20.00	ng		0.00
39) Acenaphthene-d10	9.87	164	309415	20.00	ng		-0.01
64) Phenanthrene-d10	11.36	188	516116	20.00	ng		0.00
76) Chrysene-d12	14.00	240	390654	20.00	ng		0.00
87) Perylene-d12	15.47	264	414625	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.47	112	740492	88.05	ng		0.00
7) Phenol-d6	6.49	99	907132	77.62	ng		0.00
23) Nitrobenzene-d5	7.40	82	561865	48.21	ng		-0.01
42) 2,4,6-Tribromophenol	10.67	330	233528	64.84	ng		-0.01
45) 2-Fluorobiphenyl	9.19	172	1085218	49.61	ng		-0.01
79) Terphenyl-d14	12.94	244	878626	42.36	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	2.61	88	85810	25.613	ng		96
3) Pyridine	3.38	79	234834	27.555	ng		99
4) n-Nitrosodimethylamine	3.31	42	111520	31.147	ng		98
6) Aniline	6.50	93	189751	13.649	ng	#	53
8) 2-Chlorophenol	6.63	128	282490	24.969	ng		98
9) Benzaldehyde	6.39	77	197185	32.282	ng		99
10) Phenol	6.50	94	327799	25.567	ng		92
11) bis(2-Chloroethyl)ether	6.57	93	242241	23.999	ng		98
12) 1,3-Dichlorobenzene	6.78	146	309534	23.492	ng		98
13) 1,4-Dichlorobenzene	6.86	146	310379	22.889	ng		99
14) 1,2-Dichlorobenzene	7.01	146	298322	23.497	ng		97
15) Benzyl Alcohol	6.98	79	232504	23.601	ng		97
16) 2,2'-oxybis(1-Chloropropan	7.11	45	310740	23.976	ng		58
17) 2-Methylphenol	7.10	107	212756	23.722	ng		93
18) Hexachloroethane	7.35	117	111039	23.319	ng		95
19) n-Nitroso-di-n-propylamine	7.25	70	185310	22.996	ng		99
20) 3+4-Methylphenols	7.26	107	283620	24.730	ng	#	65
22) Acetophenone	7.25	105	384454	23.512	ng	#	93
24) Nitrobenzene	7.42	77	270126	23.208	ng		99
25) Isophorone	7.66	82	484110	26.479	ng		98
26) 2-Nitrophenol	7.74	139	147382	23.694	ng		97
27) 2,4-Dimethylphenol	7.78	122	232000	27.071	ng		96
28) bis(2-Chloroethoxy)methane	7.86	93	310533	24.944	ng		98
29) 2,4-Dichlorophenol	7.99	162	229251	23.904	ng		98
30) 1,2,4-Trichlorobenzene	8.06	180	258074	23.411	ng		99
31) Naphthalene	8.15	128	813541	25.906	ng		98
33) 4-Chloroaniline	8.19	127	147816	10.810	ng		98
34) Hexachlorobutadiene	8.26	225	140972	21.792	ng		98
35) Caprolactam	8.55	113	72877	21.541	ng		93
36) 4-Chloro-3-methylphenol	8.69	107	225579	22.219	ng		99
37) 2-Methylnaphthalene	8.83	142	565012	26.282	ng		98
38) 1-Methylnaphthalene	8.93	142	525045	25.481	ng		98
40) 1,2,4,5-Tetrachlorobenzene	9.00	216	244978	24.114	ng		99
41) Hexachlorocyclopentadiene	8.99	237	41116	18.914	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	9.12	196	155642	24.854	ng		98
44) 2,4,5-Trichlorophenol	9.17	196	158069	24.152	ng		94
46) 1,1'-Biphenyl	9.30	154	661751	24.464	ng		98
47) 2-Chloronaphthalene	9.32	162	491597	23.436	ng		97
48) 2-Nitroaniline	9.42	65	132829	23.233	ng		99
49) Acenaphthylene	9.74	152	790024	25.696	ng		98
50) Dimethylphthalate	9.59	163	637101	26.502	ng		99
51) 2,6-Dinitrotoluene	9.66	165	124811	23.182	ng	#	84
52) Acenaphthene	9.91	154	446014	24.284	ng		100
53) 3-Nitroaniline	9.83	138	94490	16.199	ng		96
54) 2,4-Dinitrophenol	9.95	184	24191	14.000	ng		91
55) Dibenzofuran	10.08	168	672215	23.950	ng		96
56) 4-Nitrophenol	10.01	139	125284	40.626	ng		91
57) 2,4-Dinitrotoluene	10.07	165	158960	23.191	ng		96
58) Fluorene	10.42	166	551941	26.279	ng		99
59) 2,3,4,6-Tetrachlorophenol	10.21	232	115250	23.302	ng	#	96
60) Diethylphthalate	10.29	149	565891	23.720	ng		100
61) 4-Chlorophenyl-phenylether	10.41	204	254295	22.258	ng		92
62) 4-Nitroaniline	10.44	138	113003	19.751	ng		98
63) Azobenzene	10.57	77	464980	22.161	ng		94
65) 4,6-Dinitro-2-methylphenol	10.48	198	35712	12.341	ng		84
66) n-Nitrosodiphenylamine	10.53	169	464791	26.720	ng		99
67) 4-Bromophenyl-phenylether	10.90	248	147826	24.352	ng		94
68) Hexachlorobenzene	10.98	284	151996	23.339	ng		97
69) Atrazine	11.06	200	144005	25.657	ng		97
70) Pentachlorophenol	11.18	266	96270	37.990	ng		98
71) Phenanthrene	11.39	178	913256	34.036	ng		98
72) Anthracene	11.44	178	763625	28.570	ng		98
73) Carbazole	11.59	167	603506	22.890	ng		98
74) Di-n-butylphthalate	11.92	149	793165	24.237	ng		97
75) Fluoranthene	12.58	202	907031	31.517	ng		98
77) Benzidine	12.70	184	319916	29.754	ng		97
78) Pyrene	12.81	202	941611	34.814	ng		98
80) Butylbenzylphthalate	13.42	149	288573	22.053	ng		99
81) Benzo(a)anthracene	13.99	228	707095	30.791	ng		99
82) 3,3'-Dichlorobenzidine	13.95	252	98351	11.444	ng		94
83) Chrysene	14.03	228	675940	30.835	ng		98
84) Bis(2-ethylhexyl)phthalate	13.97	149	399971	21.533	ng	#	97
85) Di-n-octyl phthalate	14.58	149	676467	23.671	ng		98
86) Indeno(1,2,3-cd)pyrene	16.95	276	610254	35.133	ng		97
88) Benzo(b)fluoranthene	15.04	252	713513	28.775	ng		99
89) Benzo(k)fluoranthene	15.07	252	657922	27.700	ng		99
90) Benzo(a)pyrene	15.41	252	703494	31.530	ng		98
91) Dibenzo(a,h)anthracene	16.96	278	473074	26.308	ng		99
92) Benzo(g,h,i)perylene	17.40	276	481450	28.379	ng		98

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

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