Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062219\
Data File : BF115114.D
Acq On : 22 Jun 2019 12:23
Operator : HP/JU
Sample : K3440-01MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_F
ClientSampleId : FK-SF-03-008-AMS

Quant Time: Jun 25 13:35:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF062119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 24 04:21:29 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.61	152	258986	20.00	ng		0.00
21) Naphthalene-d8	7.90	136	1000503	20.00	ng		0.00
39) Acenaphthene-d10	9.64	164	496588	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	980639	20.00	ng		-0.01
76) Chrysene-d12	13.73	240	609539	20.00	ng		-0.02
87) Perylene-d12	15.08	264	574091	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1869832	111.41	ng		0.01
7) Phenol-d6	6.26	99	2384966	117.08	ng		0.00
23) Nitrobenzene-d5	7.18	82	1454218	89.41	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	587466	112.18	ng		0.00
45) 2-Fluorobiphenyl	8.97	172	2612683	89.37	ng		-0.01
79) Terphenyl-d14	12.70	244	2757801	96.20	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.26	88	242258	30.586	ng		100
3) Pyridine	2.93	79	578161	25.898	ng		99
4) n-Nitrosodimethylamine	2.85	42	308751	35.279	ng		97
6) Aniline	6.27	93	727670	25.992	ng	#	8
8) 2-Chlorophenol	6.40	128	711504	37.703	ng		97
9) Benzaldehyde	6.15	77	513699	38.654	ng		100
10) Phenol	6.27	94	865455	36.271	ng		95
11) bis(2-Chloroethyl)ether	6.35	93	645050	36.674	ng		98
12) 1,3-Dichlorobenzene	6.55	146	738663	35.269	ng		99
13) 1,4-Dichlorobenzene	6.63	146	759420	36.160	ng		100
14) 1,2-Dichlorobenzene	6.78	146	702289	36.109	ng		99
15) Benzyl Alcohol	6.76	79	564653	38.068	ng		99
16) 2,2'-oxybis(1-Chloropropan	6.90	45	913068	35.792	ng		99
17) 2-Methylphenol	6.88	107	595858	38.253	ng		100
18) Hexachloroethane	7.12	117	268275	35.432	ng		94
19) n-Nitroso-di-n-propylamine	7.04	70	471285	36.138	ng		97
20) 3+4-Methylphenols	7.03	107	690095	38.368	ng		92
22) Acetophenone	7.02	105	921241	40.220	ng	#	99
24) Nitrobenzene	7.20	77	719613	40.161	ng		99
25) Isophorone	7.44	82	1310385	39.330	ng		99
26) 2-Nitrophenol	7.51	139	373330	42.190	ng		97
27) 2,4-Dimethylphenol	7.55	122	649161	44.807	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	830250	39.426	ng		100
29) 2,4-Dichlorophenol	7.75	162	611701	40.913	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	643348	38.955	ng		99
31) Naphthalene	7.91	128	1980201	40.320	ng		99
33) 4-Chloroaniline	7.96	127	533008	23.747	ng		99
34) Hexachlorobutadiene	8.04	225	345078	38.129	ng		98
35) Caprolactam	8.34	113	176846m	35.181	ng		
36) 4-Chloro-3-methylphenol	8.45	107	621961	41.076	ng		100
37) 2-Methylnaphthalene	8.61	142	1357408	40.992	ng		98
38) 1-Methylnaphthalene	8.70	142	1280778	40.497	ng		100
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	555113	39.558	ng		99
41) Hexachlorocyclopentadiene	8.77	237	632014	75.955	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	8.88	196	418070	38.590	ng		98
44) 2,4,5-Trichlorophenol	8.92	196	443623	39.763	ng		98
46) 1,1'-Biphenyl	9.07	154	1588594	39.981	ng		99
47) 2-Chloronaphthalene	9.09	162	1293556	40.135	ng		98
48) 2-Nitroaniline	9.18	65	393217	41.847	ng		90
49) Acenaphthylene	9.50	152	2043868	40.701	ng		99
50) Dimethylphthalate	9.38	163	1773913	48.554	ng		100
51) 2,6-Dinitrotoluene	9.43	165	358239	42.472	ng		89
52) Acenaphthene	9.67	154	1196055	38.063	ng		99
53) 3-Nitroaniline	9.59	138	324182	31.495	ng		96
54) 2,4-Dinitrophenol	9.69	184	28330	13.272	ng		94
55) Dibenzofuran	9.84	168	1790342	39.697	ng		98
56) 4-Nitrophenol	9.75	139	547073	66.295	ng		96
57) 2,4-Dinitrotoluene	9.82	165	471346	43.278	ng		93
58) Fluorene	10.18	166	1237058	40.546	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	313542	33.516	ng		99
60) Diethylphthalate	10.07	149	1477893	40.242	ng		100
61) 4-Chlorophenyl-phenylether	10.18	204	590932	40.773	ng		99
62) 4-Nitroaniline	10.20	138	407901	39.502	ng		97
63) Azobenzene	10.34	77	1388540	40.479	ng		99
65) 4,6-Dinitro-2-methylphenol	10.22	198	63464	15.866	ng		77
66) n-Nitrosodiphenylamine	10.30	169	1258197	41.183	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	425052	39.978	ng		97
68) Hexachlorobenzene	10.73	284	458481	39.728	ng		99
69) Atrazine	10.83	200	375491	38.207	ng		99
70) Pentachlorophenol	10.92	266	280112	38.099	ng		97
71) Phenanthrene	11.14	178	2031703	38.480	ng		100
72) Anthracene	11.19	178	2079264	39.013	ng		100
73) Carbazole	11.34	167	1866356	39.216	ng		99
74) Di-n-butylphthalate	11.69	149	2216227	40.298	ng		99
75) Fluoranthene	12.31	202	2051726	38.947	ng		99
77) Benzidine	12.44	184	558089	20.620	ng	#	91
78) Pyrene	12.54	202	2112808	45.104	ng		99
80) Butylbenzylphthalate	13.17	149	928993	44.939	ng		100
81) Benzo(a)anthracene	13.72	228	1714992	39.212	ng		100
82) 3,3'-Dichlorobenzidine	13.68	252	457663	28.977	ng		99
83) Chrysene	13.75	228	1567225	39.119	ng		100
84) Bis(2-ethylhexyl)phthalate	13.74	149	1168860	43.151	ng		100
85) Di-n-octyl phthalate	14.35	149	1755931	38.582	ng		100
86) Indeno(1,2,3-cd)pyrene	16.35	276	1592617	33.595	ng		99
88) Benzo(b)fluoranthene	14.71	252	1558582	43.510	ng		99
89) Benzo(k)fluoranthene	14.74	252	1284535	39.986	ng		98
90) Benzo(a)pyrene	15.04	252	1369953	42.431	ng		97
91) Dibenzo(a,h)anthracene	16.37	278	1325976	43.992	ng		99
92) Benzo(g,h,i)perylene	16.74	276	1341223	43.965	ng		100

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

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