Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115203.D
Acq On : 25 Jun 2019 22:25
Operator : HP/JU
Sample : K3164-09MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BAT-B08MSD

Manual Integrations APPROVED
mohammad
6/26/2019 2:03:48 PM

Quant Time: Jun 26 07:33:57 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	257354	20.00	ng		0.00
21) Naphthalene-d8	7.89	136	876314	20.00	ng		-0.01
39) Acenaphthene-d10	9.64	164	355321	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	626089	20.00	ng		-0.01
76) Chrysene-d12	13.73	240	563877	20.00	ng		-0.02
87) Perylene-d12	15.09	264	676432	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.22	112	1756583	105.33	ng		0.01
7) Phenol-d6	6.25	99	2153640	106.40	ng		0.00
23) Nitrobenzene-d5	7.18	82	1304957	91.61	ng		0.00
42) 2,4,6-Tribromophenol	10.42	330	448800	119.78	ng		-0.01
45) 2-Fluorobiphenyl	8.97	172	2142911	102.44	ng		-0.01
79) Terphenyl-d14	12.70	244	2119892	79.93	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	2.25	88	230165	29.243	ng		100
3) Pyridine	2.91	79	590311	26.610	ng		98
4) n-Nitrosodimethylamine	2.85	42	258814	29.761	ng		98
6) Aniline	6.27	93	467961	16.821	ng	#	66
8) 2-Chlorophenol	6.40	128	584635	31.177	ng		99
9) Benzaldehyde	6.15	77	381914	28.920	ng		96
10) Phenol	6.27	94	675897	28.506	ng		98
11) bis(2-Chloroethyl)ether	6.35	93	542006	31.011	ng		99
12) 1,3-Dichlorobenzene	6.55	146	661902	31.804	ng		98
13) 1,4-Dichlorobenzene	6.63	146	670210	32.115	ng		99
14) 1,2-Dichlorobenzene	6.78	146	615157	31.830	ng		99
15) Benzyl Alcohol	6.75	79	424021	28.768	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	750707	29.614	ng		97
17) 2-Methylphenol	6.87	107	475770	30.737	ng		97
18) Hexachloroethane	7.12	117	231741	30.801	ng		97
19) n-Nitroso-di-n-propylamine	7.03	70	365791	28.227	ng		97
20) 3+4-Methylphenols	7.02	107	541460	30.295	ng		88
22) Acetophenone	7.02	105	759883	37.877	ng	#	97
24) Nitrobenzene	7.19	77	570431	36.347	ng		97
25) Isophorone	7.44	82	967364	33.149	ng		99
26) 2-Nitrophenol	7.51	139	297814	38.426	ng		96
27) 2,4-Dimethylphenol	7.55	122	490474	38.652	ng		99
28) bis(2-Chloroethoxy)methane	7.65	93	636659	34.517	ng		100
29) 2,4-Dichlorophenol	7.75	162	451161	34.452	ng		96
30) 1,2,4-Trichlorobenzene	7.84	180	522821	36.144	ng		98
31) Naphthalene	7.91	128	1588701	36.933	ng		99
32) Benzoic acid	7.67	122	15403m	1.700	ng		
33) 4-Chloroaniline	7.96	127	346930	17.647	ng		99
34) Hexachlorobutadiene	8.04	225	286943	36.199	ng		99
35) Caprolactam	8.31	113	117748m	26.744	ng		
36) 4-Chloro-3-methylphenol	8.45	107	410819	30.977	ng		99
37) 2-Methylnaphthalene	8.60	142	1007491	34.737	ng		98
38) 1-Methylnaphthalene	8.70	142	934408	33.732	ng		98
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	424719	42.299	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	347490	58.364	ng		98
43) 2,4,6-Trichlorophenol	8.88	196	277135	35.751	ng		99
44) 2,4,5-Trichlorophenol	8.92	196	287932	36.069	ng		98
46) 1,1'-Biphenyl	9.07	154	1135138	39.926	ng		99
47) 2-Chloronaphthalene	9.09	162	888677	38.535	ng		99
48) 2-Nitroaniline	9.18	65	236822	35.223	ng		97
49) Acenaphthylene	9.50	152	1341181	37.327	ng		99
50) Dimethylphthalate	9.37	163	1184726	45.319	ng		99
51) 2,6-Dinitrotoluene	9.42	165	213607	35.393	ng		93
52) Acenaphthene	9.67	154	802241	35.681	ng		99
53) 3-Nitroaniline	9.58	138	191021	25.936	ng		100
54) 2,4-Dinitrophenol	9.69	184	53927	23.114	ng		95
55) Dibenzofuran	9.84	168	1145373	35.493	ng		98
56) 4-Nitrophenol	9.75	139	369659	62.605	ng		97
57) 2,4-Dinitrotoluene	9.82	165	267891	34.377	ng		91
58) Fluorene	10.18	166	811336	36.521	ng		100
59) 2,3,4,6-Tetrachlorophenol	9.96	232	220887	32.999	ng		98
60) Diethylphthalate	10.07	149	866621	32.979	ng		100
61) 4-Chlorophenyl-phenylether	10.18	204	388485	36.811	ng		97
62) 4-Nitroaniline	10.19	138	227052	30.730	ng		95
63) Azobenzene	10.34	77	813451	33.142	ng		97
65) 4,6-Dinitro-2-methylphenol	10.22	198	91056	29.469	ng		90
66) n-Nitrosodiphenylamine	10.30	169	739066	37.890	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	247575	36.472	ng		94
68) Hexachlorobenzene	10.72	284	270761	36.748	ng	#	92
69) Atrazine	10.82	200	220097	35.077	ng		100
70) Pentachlorophenol	10.92	266	323206	68.855	ng		98
71) Phenanthrene	11.13	178	1222731	36.273	ng		99
72) Anthracene	11.18	178	1253677	36.843	ng		99
73) Carbazole	11.34	167	1154128	37.983	ng		99
74) Di-n-butylphthalate	11.69	149	1284780	36.591	ng		99
75) Fluoranthene	12.31	202	1350521	40.154	ng		97
77) Benzidine	12.44	184	647076	25.843	ng		99
78) Pyrene	12.54	202	1398678	32.276	ng		99
80) Butylbenzylphthalate	13.17	149	625245	32.695	ng		96
81) Benzo(a)anthracene	13.72	228	1393984	34.453	ng		99
82) 3,3'-Dichlorobenzidine	13.69	252	442406	30.279	ng		99
83) Chrysene	13.75	228	1331634	35.930	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	884823	35.311	ng		100
85) Di-n-octyl phthalate	14.35	149	1583593	37.613	ng		100
86) Indeno(1,2,3-cd)pyrene	16.36	276	1426877	32.536	ng		99
88) Benzo(b)fluoranthene	14.72	252	1471615	34.866	ng		99
89) Benzo(k)fluoranthene	14.75	252	1414748m	37.377	ng		
90) Benzo(a)pyrene	15.04	252	1429350	37.573	ng		99
91) Dibenzo(a,h)anthracene	16.38	278	1205101	33.932	ng		97
92) Benzo(g,h,i)perylene	16.74	276	1128634	31.399	ng		98

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

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