Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF062519\
Data File : BF115194.D
Acq On : 25 Jun 2019 18:24
Operator : HP/JU
Sample : K3470-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SAMPLE-4MS

Manual Integrations APPROVED
mohammad
6/26/2019 2:03:27 PM

Quant Time: Jun 26 07:12:10 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	195251	20.00	ng		-0.01
21) Naphthalene-d8	7.89	136	721848	20.00	ng		-0.01
39) Acenaphthene-d10	9.64	164	337115	20.00	ng		-0.01
64) Phenanthrene-d10	11.11	188	682592	20.00	ng		-0.01
76) Chrysene-d12	13.73	240	576353	20.00	ng		-0.02
87) Perylene-d12	15.09	264	688560	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.21	112	1092295	86.33	ng		0.00
7) Phenol-d6	6.25	99	1351040	87.97	ng		0.00
23) Nitrobenzene-d5	7.17	82	798163	68.02	ng		-0.01
42) 2,4,6-Tribromophenol	10.42	330	371819	104.59	ng		-0.01
45) 2-Fluorobiphenyl	8.97	172	1407785	70.93	ng		-0.02
79) Terphenyl-d14	12.69	244	1681754	62.04	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	2.20	88	140602	23.546	ng		99
3) Pyridine	2.86	79	342415	20.345	ng		99
4) n-Nitrosodimethylamine	2.79	42	157824	23.920	ng		98
6) Aniline	6.27	93	215219	10.197	ng	#	61
8) 2-Chlorophenol	6.39	128	382497	26.885	ng		97
9) Benzaldehyde	6.15	77	255108	25.462	ng		98
10) Phenol	6.26	94	456085	25.354	ng		94
11) bis(2-Chloroethyl)ether	6.35	93	350125	26.404	ng		99
12) 1,3-Dichlorobenzene	6.55	146	423336	26.811	ng		98
13) 1,4-Dichlorobenzene	6.62	146	431247	27.237	ng		98
14) 1,2-Dichlorobenzene	6.78	146	402663	27.462	ng		97
15) Benzyl Alcohol	6.75	79	233033	20.839	ng		97
16) 2,2'-oxybis(1-Chloropropan	6.90	45	485288	25.233	ng		92
17) 2-Methylphenol	6.87	107	340789	29.020	ng		98
18) Hexachloroethane	7.12	117	148399	25.998	ng		97
19) n-Nitroso-di-n-propylamine	7.02	70	242400	24.655	ng		95
20) 3+4-Methylphenols	7.02	107	371392	27.389	ng		90
22) Acetophenone	7.02	105	509423	30.827	ng	#	95
24) Nitrobenzene	7.19	77	375890	29.077	ng		97
25) Isophorone	7.43	82	655636	27.274	ng		99
26) 2-Nitrophenol	7.51	139	199213	31.204	ng		97
27) 2,4-Dimethylphenol	7.55	122	329199	31.494	ng		98
28) bis(2-Chloroethoxy)methane	7.65	93	415896	27.374	ng		99
29) 2,4-Dichlorophenol	7.75	162	304171	28.197	ng		99
30) 1,2,4-Trichlorobenzene	7.84	180	350828	29.443	ng		98
31) Naphthalene	7.91	128	1084406	30.604	ng		98
32) Benzoic acid	7.65	122	90566m	12.138	ng		
33) 4-Chloroaniline	7.96	127	191558	11.829	ng		99
34) Hexachlorobutadiene	8.04	225	189697	29.052	ng		99
35) Caprolactam	8.32	113	99182m	27.347	ng		
36) 4-Chloro-3-methylphenol	8.45	107	304064	27.833	ng		98
37) 2-Methylnaphthalene	8.60	142	721503	30.199	ng		98
38) 1-Methylnaphthalene	8.70	142	663528	29.079	ng		99
40) 1,2,4,5-Tetrachlorobenzene	8.77	216	306505	32.175	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	8.77	237	275823	48.829	ng		98
43) 2,4,6-Trichlorophenol	8.88	196	210512	28.623	ng		99
44) 2,4,5-Trichlorophenol	8.92	196	242110	31.966	ng		96
46) 1,1'-Biphenyl	9.07	154	843988	31.289	ng		99
47) 2-Chloronaphthalene	9.08	162	664066	30.350	ng		98
48) 2-Nitroaniline	9.18	65	185433	29.070	ng		95
49) Acenaphthylene	9.50	152	1053941	30.917	ng		98
50) Dimethylphthalate	9.37	163	1092977	44.068	ng		99
51) 2,6-Dinitrotoluene	9.42	165	169301	29.567	ng		89
52) Acenaphthene	9.67	154	658085	30.850	ng		99
53) 3-Nitroaniline	9.58	138	140320	20.081	ng		100
54) 2,4-Dinitrophenol	9.69	184	92994	36.008	ng		98
55) Dibenzofuran	9.84	168	917835	29.978	ng		97
56) 4-Nitrophenol	9.75	139	333873	59.598	ng		98
57) 2,4-Dinitrotoluene	9.82	165	225382	30.484	ng		94
58) Fluorene	10.18	166	676870	31.182	ng		98
59) 2,3,4,6-Tetrachlorophenol	9.96	232	205336	32.332	ng		98
60) Diethylphthalate	10.07	149	728531	29.221	ng		99
61) 4-Chlorophenyl-phenylether	10.18	204	323599	31.340	ng		98
62) 4-Nitroaniline	10.19	138	194611	27.762	ng		98
63) Azobenzene	10.34	77	679834	29.194	ng		96
65) 4,6-Dinitro-2-methylphenol	10.22	198	90006	27.181	ng		96
66) n-Nitrosodiphenylamine	10.30	169	624674	29.374	ng		99
67) 4-Bromophenyl-phenylether	10.67	248	212128	28.663	ng		93
68) Hexachlorobenzene	10.72	284	233370	29.051	ng		95
69) Atrazine	10.82	200	196422	28.713	ng		100
70) Pentachlorophenol	10.92	266	296113	57.862	ng		99
71) Phenanthrene	11.13	178	1096032	29.823	ng		99
72) Anthracene	11.18	178	1144875	30.861	ng		99
73) Carbazole	11.34	167	1033745	31.205	ng		99
74) Di-n-butylphthalate	11.69	149	1199167	31.326	ng		99
75) Fluoranthene	12.31	202	1210561	33.013	ng		96
77) Benzidine	12.44	184	343071	13.405	ng	#	93
78) Pyrene	12.54	202	1239192	27.977	ng		100
80) Butylbenzylphthalate	13.17	149	562480	28.776	ng		95
81) Benzo(a)anthracene	13.72	228	1165062	28.172	ng		100
82) 3,3'-Dichlorobenzidine	13.68	252	265594	17.784	ng		97
83) Chrysene	13.75	228	1106736	29.215	ng		99
84) Bis(2-ethylhexyl)phthalate	13.74	149	781721	30.521	ng		99
85) Di-n-octyl phthalate	14.35	149	1334618	31.013	ng		99
86) Indeno(1,2,3-cd)pyrene	16.36	276	1360325	30.347	ng		99
88) Benzo(b)fluoranthene	14.72	252	1237794	28.810	ng		100
89) Benzo(k)fluoranthene	14.74	252	1139778	29.582	ng		98
90) Benzo(a)pyrene	15.04	252	1186829	30.648	ng		98
91) Dibenzo(a,h)anthracene	16.38	278	1136320	31.432	ng		99
92) Benzo(g,h,i)perylene	16.74	276	1114468	30.459	ng		99

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

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