Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071919\
Data File : BG041735.D
Acq On : 19 Jul 2019 15:03
Operator : HP/JU
Sample : K3897-01MSD
Misc :
ALS Vial : 12 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-F03-G03-F03A-G03AMS

Manual Integrations APPROVED
mohammad
7/22/2019 10:00:54 AM

Quant Time: Jul 22 08:35:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jul 15 16:16:21 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	105270	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	419741	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	268750	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	659134	20.00	ng		0.00
76) Chrysene-d12	21.65	240	678377	20.00	ng		-0.01
87) Perylene-d12	24.84	264	810448	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	614512	95.43	ng		0.00
7) Phenol-d6	7.20	99	836827	96.62	ng		0.00
23) Nitrobenzene-d5	9.20	82	495288	71.76	ng		-0.01
42) 2,4,6-Tribromophenol	16.14	330	346849	114.52	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	1119541	64.51	ng		0.00
79) Terphenyl-d14	20.00	244	1830435	63.05	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	75947	24.832	ng		92
3) Pyridine	3.89	79	152023	18.621	ng		96
4) n-Nitrosodimethylamine	3.80	42	102348	27.147	ng		88
6) Aniline	7.36	93	279067	23.973	ng		96
8) 2-Chlorophenol	7.61	128	226249	31.035	ng		100
9) Benzaldehyde	7.18	77	114856	18.694	ng		95
10) Phenol	7.22	94	289242	31.696	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	212634	28.851	ng		96
12) 1,3-Dichlorobenzene	7.93	146	249690	28.705	ng		99
13) 1,4-Dichlorobenzene	8.08	146	255142	29.289	ng		95
14) 1,2-Dichlorobenzene	8.40	146	243540	29.652	ng		95
15) Benzyl Alcohol	8.28	79	200818	29.123	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.57	45	398812	26.115	ng		100
17) 2-Methylphenol	8.48	107	196814	31.187	ng		96
18) Hexachloroethane	9.13	117	90773	28.449	ng		98
19) n-Nitroso-di-n-propylamine	8.85	70	175186	27.672	ng		96
20) 3+4-Methylphenols	8.80	107	270856	31.320	ng		99
22) Acetophenone	8.86	105	329158	32.198	ng	#	94
24) Nitrobenzene	9.24	77	247429	32.863	ng		99
25) Isophorone	9.77	82	467449	30.930	ng		100
26) 2-Nitrophenol	9.96	139	129673	38.557	ng		97
27) 2,4-Dimethylphenol	10.01	122	233672	39.077	ng		97
28) bis(2-Chloroethoxy)methane	10.25	93	289454	31.075	ng		99
29) 2,4-Dichlorophenol	10.49	162	244973	35.932	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	258158	32.249	ng		97
31) Naphthalene	10.90	128	676678	32.746	ng		98
32) Benzoic acid	10.12	122	3948m	6.773	ng		
33) 4-Chloroaniline	11.00	127	246496	25.860	ng		97
34) Hexachlorobutadiene	11.20	225	161194	31.330	ng		99
35) Caprolactam	11.76	113	87653	34.978	ng	#	87
36) 4-Chloro-3-methylphenol	12.11	107	250289	35.043	ng		99
37) 2-Methylnaphthalene	12.50	142	520914	32.995	ng		99
38) 1-Methylnaphthalene	12.72	142	491027	32.623	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	300155	32.605	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	380719	73.110	ng		99
43) 2,4,6-Trichlorophenol	13.10	196	214183	35.808	ng		97
44) 2,4,5-Trichlorophenol	13.17	196	230651	36.599	ng		99
46) 1,1'-Biphenyl	13.50	154	649769	32.272	ng		97
47) 2-Chloronaphthalene	13.55	162	527609	31.442	ng		97
48) 2-Nitroaniline	13.73	65	163014	33.366	ng		95
49) Acenaphthylene	14.39	152	850856	32.481	ng		97
50) Dimethylphthalate	14.12	163	903118	42.787	ng		99
51) 2,6-Dinitrotoluene	14.23	165	159966	35.730	ng		94
52) Acenaphthene	14.73	154	514809	31.185	ng		99
53) 3-Nitroaniline	14.55	138	143693	29.401	ng		94
54) 2,4-Dinitrophenol	14.76	184	46891	26.450	ng		95
55) Dibenzofuran	15.06	168	827699	33.413	ng		95
56) 4-Nitrophenol	14.86	139	292352	73.885	ng		96
57) 2,4-Dinitrotoluene	15.01	165	224090	37.865	ng		97
58) Fluorene	15.71	166	668086	33.145	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	220812	37.953	ng		98
60) Diethylphthalate	15.47	149	682919	32.116	ng		98
61) 4-Chlorophenyl-phenylether	15.70	204	369027	32.388	ng		98
62) 4-Nitroaniline	15.71	138	182436	35.197	ng		96
63) Azobenzene	15.99	77	600324	31.227	ng		97
65) 4,6-Dinitro-2-methylphenol	15.77	198	92670	32.172	ng		93
66) n-Nitrosodiphenylamine	15.91	169	625956	32.338	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	252085	32.142	ng		99
68) Hexachlorobenzene	16.71	284	253729	32.127	ng		96
69) Atrazine	16.85	200	247604	35.249	ng		99
70) Pentachlorophenol	17.05	266	316081	64.009	ng		100
71) Phenanthrene	17.44	178	1103042	33.230	ng		96
72) Anthracene	17.53	178	1127454	34.075	ng		95
73) Carbazole	17.79	167	1049730	34.208	ng		97
74) Di-n-butylphthalate	18.36	149	1198601	32.025	ng		96
75) Fluoranthene	19.44	202	1371930	33.659	ng		93
77) Benzidine	19.62	184	522633	18.850	ng		97
78) Pyrene	19.80	202	1377037	30.013	ng		94
80) Butylbenzylphthalate	20.69	149	591681	31.034	ng		93
81) Benzo(a)anthracene	21.63	228	1386895	31.642	ng		95
82) 3,3'-Dichlorobenzidine	21.54	252	486445	28.204	ng		97
83) Chrysene	21.69	228	1343512	32.079	ng		95
84) Bis(2-ethylhexyl)phthalate	21.55	149	841835	31.273	ng		97
85) Di-n-octyl phthalate	22.76	149	1477661	32.234	ng		95
86) Indeno(1,2,3-cd)pyrene	28.48	276	1796036	32.501	ng	#	91
88) Benzo(b)fluoranthene	23.83	252	1544808	31.424	ng		96
89) Benzo(k)fluoranthene	23.90	252	1504098	33.019	ng		97
90) Benzo(a)pyrene	24.69	252	1533295	32.966	ng		97
91) Dibenzo(a,h)anthracene	28.55	278	1474980	32.707	ng		99
92) Benzo(g,h,i)perylene	29.63	276	1487645	32.917	ng		98

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

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