Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042585.D
Acq On : 30 Aug 2019 3:53
Operator : HP/JU
Sample : K4095-16MS
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-01-082819MS

Manual Integrations APPROVED
Jagrut
8/30/2019 7:58:20 PM

Quant Time: Aug 30 06:39:23 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	33991	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	129152	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	96792	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	230352	20.00	ng		0.00
76) Chrysene-d12	21.69	240	243860	20.00	ng		0.00
87) Perylene-d12	24.93	264	297495	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.55	112	218357	130.10	ng		0.00
7) Phenol-d6	7.16	99	273202	120.51	ng		0.00
23) Nitrobenzene-d5	9.17	82	181665	97.20	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	213324	155.06	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	567020	99.08	ng		0.00
79) Terphenyl-d14	20.02	244	1157183	102.59	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.43	88	23882	34.098	ng	#	52
3) Pyridine	3.84	79	37887	21.095	ng		98
4) n-Nitrosodimethylamine	3.74	42	29029	45.254	ng		87
6) Aniline	7.32	93	54270	17.948	ng		100
8) 2-Chlorophenol	7.56	128	95196	46.802	ng		98
9) Benzaldehyde	7.13	77	41187	36.289	ng		97
10) Phenol	7.19	94	94542	41.016	ng		93
11) bis(2-Chloroethyl)ether	7.41	93	79051	43.668	ng		99
12) 1,3-Dichlorobenzene	7.89	146	111849	43.226	ng		99
13) 1,4-Dichlorobenzene	8.03	146	113922	43.466	ng		95
14) 1,2-Dichlorobenzene	8.36	146	109205	43.508	ng		97
15) Benzyl Alcohol	8.24	79	73843	45.274	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	98809	40.271	ng		98
17) 2-Methylphenol	8.45	107	76164	44.862	ng		95
18) Hexachloroethane	9.09	117	37884	42.221	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	62651	42.657	ng		95
20) 3+4-Methylphenols	8.78	107	102269	43.532	ng		98
22) Acetophenone	8.83	105	139644	50.553	ng	#	97
24) Nitrobenzene	9.21	77	93770	49.546	ng		98
25) Isophorone	9.73	82	172646	46.808	ng		98
26) 2-Nitrophenol	9.93	139	59954	50.551	ng	#	93
27) 2,4-Dimethylphenol	9.99	122	90466	55.374	ng		96
28) bis(2-Chloroethoxy)methane	10.21	93	107115	46.076	ng		99
29) 2,4-Dichlorophenol	10.47	162	113069	52.898	ng		96
30) 1,2,4-Trichlorobenzene	10.68	180	128519	48.985	ng		99
31) Naphthalene	10.87	128	294892	49.180	ng		100
32) Benzoic acid	10.14	122	41228m	37.023	ng		
33) 4-Chloroaniline	11.00	127	16395	5.923	ng		96
34) Hexachlorobutadiene	11.16	225	86065	48.810	ng		99
35) Caprolactam	11.77	113	25317m	35.496	ng		
36) 4-Chloro-3-methylphenol	12.11	107	102336	50.434	ng		98
37) 2-Methylnaphthalene	12.48	142	244964	50.879	ng		99
38) 1-Methylnaphthalene	12.70	142	225511	49.310	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	164218	52.831	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	163346	100.042	ng		97
43) 2,4,6-Trichlorophenol	13.09	196	105369	50.151	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	111837	51.366	ng		97
46) 1,1'-Biphenyl	13.49	154	321035	51.311	ng		97
47) 2-Chloronaphthalene	13.53	162	262697	48.693	ng		98
48) 2-Nitroaniline	13.73	65	59409	45.666	ng		97
49) Acenaphthylene	14.38	152	415681	51.214	ng		99
50) Dimethylphthalate	14.11	163	356660	51.069	ng		99
51) 2,6-Dinitrotoluene	14.23	165	82511	50.970	ng		95
52) Acenaphthene	14.72	154	241760	49.054	ng		100
53) 3-Nitroaniline	14.56	138	38110	23.540	ng		95
54) 2,4-Dinitrophenol	14.78	184	98511	89.471	ng		95
55) Dibenzofuran	15.06	168	423800	51.949	ng		99
56) 4-Nitrophenol	14.89	139	106927	92.948	ng		94
57) 2,4-Dinitrotoluene	15.03	165	116644	50.319	ng		99
58) Fluorene	15.71	166	342921	51.422	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	115376	53.585	ng		93
60) Diethylphthalate	15.47	149	333365	48.829	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	205767	51.186	ng		99
62) 4-Nitroaniline	15.73	138	78304	45.192	ng		90
63) Azobenzene	15.99	77	226268	48.367	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	75705	52.420	ng		98
66) n-Nitrosodiphenylamine	15.91	169	317057	50.050	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	145602	49.832	ng		98
68) Hexachlorobenzene	16.72	284	153335	48.275	ng		99
69) Atrazine	16.87	200	105882	47.265	ng		96
70) Pentachlorophenol	17.07	266	184320	111.686	ng		99
71) Phenanthrene	17.45	178	586005	51.215	ng		99
72) Anthracene	17.55	178	605981	53.051	ng		99
73) Carbazole	17.82	167	525064	51.577	ng		99
74) Di-n-butylphthalate	18.37	149	603112	50.118	ng		100
75) Fluoranthene	19.47	202	768932	55.065	ng		97
77) Benzidine	19.65	184	71337	10.203	ng		99
78) Pyrene	19.83	202	767824	51.356	ng		99
80) Butylbenzylphthalate	20.71	149	280774	47.746	ng		98
81) Benzo(a)anthracene	21.67	228	768544	51.808	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	201507	33.775	ng		98
83) Chrysene	21.74	228	745375	52.100	ng		100
84) Bis(2-ethylhexyl)phthalate	21.57	149	401957	49.231	ng		99
85) Di-n-octyl phthalate	22.79	149	704341	50.157	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	991980	51.022	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	832973	50.930	ng		99
89) Benzo(k)fluoranthene	23.97	252	835467	53.144	ng		98
90) Benzo(a)pyrene	24.78	252	841677	54.233	ng		99
91) Dibenzo(a,h)anthracene	28.70	278	825234	52.517	ng		98
92) Benzo(g,h,i)perylene	29.80	276	828295	52.703	ng		97

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

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