Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031219\
Data File : BG039896.D
Acq On : 13 Mar 2019 6:07
Operator : JU/SJ
Sample : K1697-06MSD
Misc :
ALS Vial : 26 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-04-031119-AMSD

Manual Integrations APPROVED
Sohil
3/13/2019 5:49:34 PM

Quant Time: Mar 13 07:17:10 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Mar 13 05:34:05 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	37774	20.00	ng	0.00
21) Naphthalene-d8	10.97	136	157441	20.00	ng	0.00
39) Acenaphthene-d10	14.78	164	108824	20.00	ng	0.00
64) Phenanthrene-d10	17.52	188	279594	20.00	ng	0.00
76) Chrysene-d12	21.81	240	279373	20.00	ng	0.00
87) Perylene-d12	25.18	264	291847	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	319822	144.44	ng	0.00
7) Phenol-d6	7.30	99	419177	126.97	ng	0.00
23) Nitrobenzene-d5	9.33	82	314247	107.95	ng	0.00
42) 2,4,6-Tribromophenol	16.27	330	213434	168.27	ng	0.00
45) 2-Fluorobiphenyl	13.40	172	750683	98.22	ng	0.00
79) Terphenyl-d14	20.11	244	1269884	100.08	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.60	88	38331	37.498	ng	# 1
3) Pyridine	4.01	79	93348	34.110	ng	96
4) n-Nitrosodimethylamine	3.92	42	51978	40.037	ng	# 91
6) Aniline	7.48	93	47209	10.914	ng	94
8) 2-Chlorophenol	7.71	128	115258	42.907	ng	98
9) Benzaldehyde	7.29	77	53795	25.260	ng	95
10) Phenol	7.33	94	130227	36.411	ng	98
11) bis(2-Chloroethyl)ether	7.57	93	116833	41.898	ng	98
12) 1,3-Dichlorobenzene	8.04	146	127825	42.075	ng	95
13) 1,4-Dichlorobenzene	8.19	146	128256	41.446	ng	99
14) 1,2-Dichlorobenzene	8.51	146	123915	41.445	ng	97
15) Benzyl Alcohol	8.39	79	112380	42.911	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.67	45	226511	40.615	ng	99
17) 2-Methylphenol	8.59	107	99937	43.822	ng	98
18) Hexachloroethane	9.24	117	45426	40.911	ng	99
19) n-Nitroso-di-n-propylamine	8.96	70	94991	39.974	ng	93
20) 3+4-Methylphenols	8.92	107	139127	43.914	ng	97
22) Acetophenone	8.98	105	180876	42.804	ng	# 93
24) Nitrobenzene	9.37	77	142372	46.620	ng	96
25) Isophorone	9.89	82	277970	45.572	ng	98
26) 2-Nitrophenol	10.08	139	70987	48.144	ng	97
27) 2,4-Dimethylphenol	10.13	122	126247	55.053	ng	96
28) bis(2-Chloroethoxy)methane	10.37	93	167096	45.079	ng	99
29) 2,4-Dichlorophenol	10.61	162	134996	52.285	ng	99
30) 1,2,4-Trichlorobenzene	10.83	180	132708	45.677	ng	99
31) Naphthalene	11.03	128	377051	45.233	ng	99
32) Benzoic acid	10.24	122	5780m	9.765	ng	
33) 4-Chloroaniline	11.14	127	9451	2.674	ng	97
34) Hexachlorobutadiene	11.28	225	86331	43.484	ng	98
35) Caprolactam	11.91	113	32389m	32.840	ng	
36) 4-Chloro-3-methylphenol	12.24	107	151653	51.239	ng	99
37) 2-Methylnaphthalene	12.62	142	288578	46.305	ng	97
38) 1-Methylnaphthalene	12.83	142	277369	45.798	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	162372	44.043	ng	100

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Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	168599	85.336 ng		100
43) 2,4,6-Trichlorophenol	13.22	196	113821	52.734 ng		98
44) 2,4,5-Trichlorophenol	13.29	196	124981	51.371 ng		98
46) 1,1'-Biphenyl	13.62	154	400204	44.712 ng		99
47) 2-Chloronaphthalene	13.66	162	304160	45.171 ng		98
48) 2-Nitroaniline	13.87	65	113727	52.556 ng		96
49) Acenaphthylene	14.51	152	497331	44.992 ng		99
50) Dimethylphthalate	14.23	163	429136	47.159 ng		99
51) 2,6-Dinitrotoluene	14.36	165	96832	50.195 ng		99
52) Acenaphthene	14.84	154	302737	45.504 ng		98
53) 3-Nitroaniline	14.69	138	17908	9.235 ng	#	97
54) 2,4-Dinitrophenol	14.89	184	15944	17.501 ng		91
55) Dibenzofuran	15.17	168	507258	46.472 ng		99
56) 4-Nitrophenol	14.98	139	107405	61.915 ng	#	86
57) 2,4-Dinitrotoluene	15.14	165	139118	51.323 ng		85
58) Fluorene	15.82	166	403307	47.000 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	117269	49.355 ng		95
60) Diethylphthalate	15.58	149	436594	48.467 ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	213278	46.577 ng		97
62) 4-Nitroaniline	15.85	138	96366	45.839 ng		99
63) Azobenzene	16.10	77	394011	48.252 ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	23517	14.226 ng		96
66) n-Nitrosodiphenylamine	16.02	169	375077	46.338 ng		99
67) 4-Bromophenyl-phenylether	16.70	248	141648	45.261 ng		97
68) Hexachlorobenzene	16.82	284	146575	45.183 ng		95
69) Atrazine	16.96	200	151802	47.652 ng		96
70) Pentachlorophenol	17.16	266	80437	39.261 ng		98
71) Phenanthrene	17.56	178	697453	45.288 ng		99
72) Anthracene	17.66	178	703951	46.907 ng		99
73) Carbazole	17.93	167	623646	46.096 ng		98
74) Di-n-butylphthalate	18.46	149	757741	47.602 ng		99
75) Fluoranthene	19.57	202	832204	45.724 ng		99
77) Benzidine	19.75	184	84328	9.512 ng		98
78) Pyrene	19.93	202	849795	46.811 ng		98
80) Butylbenzylphthalate	20.79	149	353857	50.312 ng		94
81) Benzo(a)anthracene	21.79	228	810176	46.272 ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	74277	11.619 ng		97
83) Chrysene	21.86	228	773939	45.594 ng		100
84) Bis(2-ethylhexyl)phthalate	21.65	149	489539	49.531 ng		100
85) Di-n-octyl phthalate	22.91	149	827267	50.552 ng		95
86) Indeno(1,2,3-cd)pyrene	29.05	276	867674	45.058 ng		97
88) Benzo(b)fluoranthene	24.10	252	809875	46.535 ng		99
89) Benzo(k)fluoranthene	24.17	252	773007	47.717 ng		98
90) Benzo(a)pyrene	25.02	252	782078	48.631 ng		98
91) Dibenzo(a,h)anthracene	29.12	278	717344	45.500 ng		98
92) Benzo(g,h,i)perylene	30.27	276	696426	43.983 ng		97

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

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