Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039442.D
Acq On : 11 Feb 2019 20:10
Operator : JU/SJ
Sample : K1356-06MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SU-03-020819-AMS

Manual Integrations APPROVED
Sohil
2/12/2019 12:07:44 PM

Quant Time: Feb 12 03:24:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	52906	20.00	ng	-0.01
21) Naphthalene-d8	11.00	136	235854	20.00	ng	-0.01
39) Acenaphthene-d10	14.80	164	160744	20.00	ng	-0.01
64) Phenanthrene-d10	17.54	188	388739	20.00	ng	-0.01
76) Chrysene-d12	21.83	240	394821	20.00	ng	-0.02
87) Perylene-d12	25.21	264	407765	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	430325	139.21	ng	0.00
7) Phenol-d6	7.31	99	584813	128.53	ng	0.00
23) Nitrobenzene-d5	9.35	82	390865	103.53	ng	-0.02
42) 2,4,6-Tribromophenol	16.28	330	272598	157.49	ng	0.00
45) 2-Fluorobiphenyl	13.42	172	950761	84.85	ng	-0.01
79) Terphenyl-d14	20.13	244	1541380	82.64	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.61	88	47514	35.139	ng	# 31
3) Pyridine	4.02	79	123950	34.623	ng	93
4) n-Nitrosodimethylamine	3.93	42	72926	40.732	ng	83
6) Aniline	7.50	93	71552	12.554	ng	98
8) 2-Chlorophenol	7.73	128	168643	49.910	ng	96
9) Benzaldehyde	7.31	77	78591	32.843	ng	96
10) Phenol	7.34	94	206278	43.489	ng	98
11) bis(2-Chloroethyl)ether	7.59	93	162446	43.342	ng	94
12) 1,3-Dichlorobenzene	8.06	146	170352	41.617	ng	98
13) 1,4-Dichlorobenzene	8.21	146	174594	42.793	ng	98
14) 1,2-Dichlorobenzene	8.52	146	168767	42.729	ng	97
15) Benzyl Alcohol	8.41	79	168493	47.167	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.69	45	313585	37.050	ng	98
17) 2-Methylphenol	8.60	107	151738	49.435	ng	93
18) Hexachloroethane	9.26	117	60733	43.268	ng	97
19) n-Nitroso-di-n-propylamine	8.98	70	137789	42.666	ng	92
20) 3+4-Methylphenols	8.93	107	206201	48.784	ng	96
22) Acetophenone	9.00	105	262905	41.498	ng	# 94
24) Nitrobenzene	9.39	77	202179	49.570	ng	96
25) Isophorone	9.91	82	397644	47.530	ng	98
26) 2-Nitrophenol	10.10	139	98070	57.613	ng	95
27) 2,4-Dimethylphenol	10.14	122	180344	53.288	ng	98
28) bis(2-Chloroethoxy)methane	10.39	93	238147	46.214	ng	94
29) 2,4-Dichlorophenol	10.63	162	191744	51.839	ng	96
30) 1,2,4-Trichlorobenzene	10.85	180	183261	44.130	ng	100
31) Naphthalene	11.04	128	540320	46.179	ng	99
32) Benzoic acid	10.27	122	110260	49.424	ng	94
33) 4-Chloroaniline	11.15	127	11456	2.112	ng	# 90
34) Hexachlorobutadiene	11.31	225	118111	42.768	ng	93
35) Caprolactam	11.93	113	53384m	34.878	ng	
36) 4-Chloro-3-methylphenol	12.25	107	208119	48.652	ng	96
37) 2-Methylnaphthalene	12.64	142	417422	48.167	ng	97
38) 1-Methylnaphthalene	12.85	142	400744	47.972	ng	99
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	228939	44.764	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	287079	103.009	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	165000	52.471	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	177387	53.822	ng		97
46) 1,1'-Biphenyl	13.64	154	569543	42.585	ng		99
47) 2-Chloronaphthalene	13.68	162	442021	43.933	ng		98
48) 2-Nitroaniline	13.89	65	149168	50.987	ng		92
49) Acenaphthylene	14.52	152	715720	47.144	ng		99
50) Dimethylphthalate	14.25	163	594733	45.811	ng		100
51) 2,6-Dinitrotoluene	14.37	165	134128	54.285	ng		93
52) Acenaphthene	14.86	154	438980	44.546	ng		96
53) 3-Nitroaniline	14.70	138	21671	13.071	ng	#	85
54) 2,4-Dinitrophenol	14.90	184	152529	116.333	ng		94
55) Dibenzofuran	15.19	168	715474	45.282	ng		98
56) 4-Nitrophenol	14.99	139	219015	92.341	ng		90
57) 2,4-Dinitrotoluene	15.16	165	186482	58.044	ng		88
58) Fluorene	15.84	166	564076	47.890	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	175805	56.970	ng		97
60) Diethylphthalate	15.60	149	603536	44.964	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	298807	44.803	ng		97
62) 4-Nitroaniline	15.87	138	126689	46.665	ng		93
63) Azobenzene	16.12	77	538305	41.031	ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	106429	62.218	ng		95
66) n-Nitrosodiphenylamine	16.04	169	521103	44.086	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	198869	46.113	ng		97
68) Hexachlorobenzene	16.83	284	204691	47.307	ng		96
69) Atrazine	16.98	200	209070	48.400	ng		97
70) Pentachlorophenol	17.18	266	269594	89.648	ng		98
71) Phenanthrene	17.58	178	943137	46.876	ng		98
72) Anthracene	17.68	178	955023	48.189	ng		99
73) Carbazole	17.94	167	850784	43.016	ng		100
74) Di-n-butylphthalate	18.48	149	1022152	44.299	ng		100
75) Fluoranthene	19.59	202	1117802	47.865	ng		99
77) Benzidine	19.76	184	128108	9.897	ng		98
78) Pyrene	19.94	202	1125036	45.773	ng		98
80) Butylbenzylphthalate	20.81	149	481515	46.442	ng		95
81) Benzo(a)anthracene	21.81	228	1115206	47.802	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	97224	11.239	ng		100
83) Chrysene	21.88	228	1045535	47.078	ng		99
84) Bis(2-ethylhexyl)phthalate	21.68	149	675232	45.649	ng		98
85) Di-n-octyl phthalate	22.95	149	1159561	47.450	ng		96
86) Indeno(1,2,3-cd)pyrene	29.10	276	1274242	53.477	ng		99
88) Benzo(b)fluoranthene	24.13	252	1097985	49.375	ng		96
89) Benzo(k)fluoranthene	24.20	252	1072326	48.030	ng		99
90) Benzo(a)pyrene	25.06	252	1082713	50.555	ng		99
91) Dibenzo(a,h)anthracene	29.17	278	1029249	51.317	ng		100
92) Benzo(g,h,i)perylene	30.33	276	1053119	52.680	ng		97

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

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