Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022519\
Data File : BG039588.D
Acq On : 25 Feb 2019 15:56
Operator : JU/SJ
Sample : K1556-02MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
COMPMS

Manual Integrations APPROVED
Sohil
2/26/2019 2:40:26 PM

Quant Time: Feb 25 17:25:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 25 16:56:03 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	57659	20.00	ng		0.00
21) Naphthalene-d8	10.99	136	263870	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	180511	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	428586	20.00	ng		0.00
76) Chrysene-d12	21.83	240	420675	20.00	ng		0.00
87) Perylene-d12	25.21	264	420240	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	490211	145.51	ng		0.00
7) Phenol-d6	7.32	99	646406	130.35	ng		0.00
23) Nitrobenzene-d5	9.35	82	470985	111.51	ng		0.00
42) 2,4,6-Tribromophenol	16.28	330	304815	156.81	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	1088111	86.47	ng		0.00
79) Terphenyl-d14	20.13	244	1694273	85.25	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	54415	36.926	ng	#	15
3) Pyridine	4.02	79	142654	36.563	ng		95
4) n-Nitrosodimethylamine	3.93	42	83443	42.764	ng		86
6) Aniline	7.50	93	105234	16.942	ng		98
8) 2-Chlorophenol	7.73	128	190110	51.625	ng		98
9) Benzaldehyde	7.31	77	108521	45.581	ng		97
10) Phenol	7.35	94	220573	42.670	ng		96
11) bis(2-Chloroethyl)ether	7.59	93	190338	46.598	ng		98
12) 1,3-Dichlorobenzene	8.06	146	199191	44.651	ng		97
13) 1,4-Dichlorobenzene	8.20	146	206090	46.349	ng		97
14) 1,2-Dichlorobenzene	8.52	146	197649	45.917	ng		99
15) Benzyl Alcohol	8.41	79	190189	48.852	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	358373	38.851	ng		99
17) 2-Methylphenol	8.60	107	168145	50.265	ng		97
18) Hexachloroethane	9.25	117	71483	46.728	ng		96
19) n-Nitroso-di-n-propylamine	8.97	70	158062	44.908	ng		91
20) 3+4-Methylphenols	8.93	107	226924	49.261	ng		98
22) Acetophenone	9.00	105	303538	42.824	ng	#	94
24) Nitrobenzene	9.39	77	233737	51.223	ng		93
25) Isophorone	9.90	82	455294	48.643	ng		97
26) 2-Nitrophenol	10.10	139	113203	58.944	ng		97
27) 2,4-Dimethylphenol	10.14	122	198205	52.347	ng		95
28) bis(2-Chloroethoxy)methane	10.38	93	275182	47.731	ng		97
29) 2,4-Dichlorophenol	10.63	162	222885	53.860	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	218116	46.947	ng		98
31) Naphthalene	11.04	128	625157	47.757	ng		99
32) Benzoic acid	10.23	122	33805m	20.093	ng		
33) 4-Chloroaniline	11.15	127	22757	3.749	ng		94
34) Hexachlorobutadiene	11.30	225	137839	44.612	ng		95
35) Caprolactam	11.94	113	52925	30.906	ng		94
36) 4-Chloro-3-methylphenol	12.26	107	235790	49.268	ng		95
37) 2-Methylnaphthalene	12.63	142	474192	48.909	ng		99
38) 1-Methylnaphthalene	12.85	142	460409	49.263	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	261248	45.487	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	247193	78.985	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	183356	51.923	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	202216	54.637	ng		98
46) 1,1'-Biphenyl	13.63	154	643816	42.867	ng		100
47) 2-Chloronaphthalene	13.68	162	507196	44.891	ng		98
48) 2-Nitroaniline	13.89	65	175023	52.902	ng		94
49) Acenaphthylene	14.52	152	804857	47.210	ng		98
50) Dimethylphthalate	14.24	163	676252	46.386	ng		99
51) 2,6-Dinitrotoluene	14.37	165	151534	54.574	ng		96
52) Acenaphthene	14.86	154	495584	44.783	ng		99
53) 3-Nitroaniline	14.71	138	44458	19.090	ng	#	91
54) 2,4-Dinitrophenol	14.91	184	31721	36.332	ng		97
55) Dibenzofuran	15.19	168	807951	45.536	ng		98
56) 4-Nitrophenol	15.00	139	164042	63.519	ng		90
57) 2,4-Dinitrotoluene	15.15	165	211200	58.473	ng	#	88
58) Fluorene	15.84	166	632480	47.818	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	185758	53.604	ng		96
60) Diethylphthalate	15.59	149	677234	44.929	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	343164	45.820	ng		96
62) 4-Nitroaniline	15.87	138	148788	48.610	ng		88
63) Azobenzene	16.12	77	615988	41.811	ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	46157	32.047	ng		93
66) n-Nitrosodiphenylamine	16.04	169	589078	45.203	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	223895	47.089	ng		94
68) Hexachlorobenzene	16.83	284	229549	48.120	ng		96
69) Atrazine	16.98	200	218648	45.912	ng		98
70) Pentachlorophenol	17.17	266	153948	46.433	ng		96
71) Phenanthrene	17.58	178	1044204	47.074	ng		98
72) Anthracene	17.67	178	1045117	47.832	ng		98
73) Carbazole	17.94	167	911766	41.813	ng		100
74) Di-n-butylphthalate	18.47	149	1107939	43.552	ng		100
75) Fluoranthene	19.58	202	1215417	47.207	ng		99
77) Benzidine	19.76	184	80837	5.861	ng		99
78) Pyrene	19.94	202	1225423	46.793	ng		98
80) Butylbenzylphthalate	20.81	149	519902	47.062	ng		94
81) Benzo(a)anthracene	21.81	228	1193317	48.006	ng		98
82) 3,3'-Dichlorobenzidine	21.72	252	145462	15.782	ng		99
83) Chrysene	21.88	228	1124625	47.527	ng		98
84) Bis(2-ethylhexyl)phthalate	21.67	149	713038	45.243	ng		98
85) Di-n-octyl phthalate	22.94	149	1213891	46.621	ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1091766	43.003	ng	#	94
88) Benzo(b)fluoranthene	24.13	252	1119208	48.835	ng		99
89) Benzo(k)fluoranthene	24.20	252	1184002m	51.458	ng		
90) Benzo(a)pyrene	25.05	252	1100789	49.873	ng		99
91) Dibenzo(a,h)anthracene	29.17	278	871576	42.166	ng		98
92) Benzo(g,h,i)perylene	30.33	276	887226	43.064	ng		99

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

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