Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
Data File : BG039379.D
Acq On : 6 Feb 2019 20:33
Operator : JU/SJ
Sample : K1338-02MS
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-06-020519-AMS

Manual Integrations APPROVED
mohammad
2/7/2019 8:41:08 AM

Quant Time: Feb 07 01:34:02 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	8.18	152	51312	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	213933	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	141762	20.00	ng		0.00
64) Phenanthrene-d10	17.55	188	349754	20.00	ng		0.00
76) Chrysene-d12	21.84	240	368524	20.00	ng		0.00
87) Perylene-d12	25.22	264	389694	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	407707	135.99	ng		0.00
7) Phenol-d6	7.32	99	527944	119.63	ng		0.00
23) Nitrobenzene-d5	9.36	82	367590	107.34	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	240007	157.22	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	893728	90.44	ng		0.00
79) Terphenyl-d14	20.14	244	1472557	84.58	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	48287	36.820	ng	#	17
3) Pyridine	4.02	79	129597	37.325	ng		97
4) n-Nitrosodimethylamine	3.93	42	76107	43.829	ng		94
6) Aniline	7.51	93	86299	15.612	ng		99
8) 2-Chlorophenol	7.74	128	157156	47.955	ng		95
9) Benzaldehyde	7.32	77	89263	40.702	ng		95
10) Phenol	7.35	94	184076	40.014	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	156174	42.963	ng		99
12) 1,3-Dichlorobenzene	8.06	146	167164	42.107	ng		98
13) 1,4-Dichlorobenzene	8.22	146	173516	43.850	ng		97
14) 1,2-Dichlorobenzene	8.53	146	162508	42.423	ng		99
15) Benzyl Alcohol	8.42	79	154336	44.546	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	320316	39.021	ng		99
17) 2-Methylphenol	8.60	107	136373	45.809	ng		95
18) Hexachloroethane	9.26	117	60076	44.129	ng		96
19) n-Nitroso-di-n-propylamine	8.99	70	127753	40.787	ng		94
20) 3+4-Methylphenols	8.93	107	183889	44.857	ng		97
22) Acetophenone	9.01	105	244294	42.511	ng	#	95
24) Nitrobenzene	9.40	77	189735	51.286	ng		98
25) Isophorone	9.91	82	364778	48.069	ng		99
26) 2-Nitrophenol	10.11	139	85044	55.746	ng		96
27) 2,4-Dimethylphenol	10.15	122	164405	53.556	ng		97
28) bis(2-Chloroethoxy)methane	10.40	93	217907	46.619	ng		98
29) 2,4-Dichlorophenol	10.64	162	170916	50.943	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	174469	46.318	ng		98
31) Naphthalene	11.05	128	509135	47.972	ng		99
32) Benzoic acid	10.26	122	87206	44.250	ng		94
33) 4-Chloroaniline	11.16	127	15715	3.193	ng	#	91
34) Hexachlorobutadiene	11.32	225	113877	45.460	ng		96
35) Caprolactam	11.94	113	46143m	33.236	ng		
36) 4-Chloro-3-methylphenol	12.25	107	180740	46.581	ng		94
37) 2-Methylnaphthalene	12.65	142	379402	48.266	ng		98
38) 1-Methylnaphthalene	12.86	142	365703	48.263	ng		100
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	209328	46.410	ng		98

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QLast Update : Tue Jan 29 15:41:51 2019
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	247988	100.898	ng		100
43) 2,4,6-Trichlorophenol	13.24	196	140989	50.839	ng		100
44) 2,4,5-Trichlorophenol	13.30	196	154762	53.245	ng		97
46) 1,1'-Biphenyl	13.64	154	513640	43.547	ng		100
47) 2-Chloronaphthalene	13.69	162	400185	45.101	ng		98
48) 2-Nitroaniline	13.89	65	131562	50.990	ng		96
49) Acenaphthylene	14.53	152	645550	48.216	ng		100
50) Dimethylphthalate	14.25	163	529425	46.241	ng		99
51) 2,6-Dinitrotoluene	14.38	165	117060	53.789	ng		95
52) Acenaphthene	14.87	154	392476	45.159	ng		99
53) 3-Nitroaniline	14.71	138	29050	16.856	ng	#	97
54) 2,4-Dinitrophenol	14.91	184	76132	80.292	ng		99
55) Dibenzofuran	15.20	168	638499	45.822	ng		98
56) 4-Nitrophenol	15.00	139	185537	88.929	ng		93
57) 2,4-Dinitrotoluene	15.16	165	162740	57.519	ng	#	88
58) Fluorene	15.85	166	505263	48.641	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	156258	57.416	ng		98
60) Diethylphthalate	15.60	149	540126	45.628	ng		99
61) 4-Chlorophenyl-phenylether	15.84	204	267343	45.453	ng		93
62) 4-Nitroaniline	15.87	138	117893	49.007	ng		93
63) Azobenzene	16.12	77	491644	42.492	ng		99
65) 4,6-Dinitro-2-methylphenol	15.92	198	75313	52.615	ng		96
66) n-Nitrosodiphenylamine	16.05	169	463921	43.623	ng		99
67) 4-Bromophenyl-phenylether	16.73	248	177110	45.645	ng		95
68) Hexachlorobenzene	16.84	284	180295	46.313	ng		95
69) Atrazine	16.99	200	189668	48.803	ng		94
70) Pentachlorophenol	17.18	266	234412	86.638	ng		98
71) Phenanthrene	17.59	178	864060	47.732	ng		99
72) Anthracene	17.68	178	871579	48.881	ng		98
73) Carbazole	17.95	167	770217	43.283	ng		99
74) Di-n-butylphthalate	18.49	149	945713	45.555	ng		99
75) Fluoranthene	19.59	202	1044999	49.736	ng		99
77) Benzidine	19.77	184	132225	10.944	ng		97
78) Pyrene	19.95	202	1066065	46.469	ng		98
80) Butylbenzylphthalate	20.82	149	453445	46.855	ng		95
81) Benzo(a)anthracene	21.82	228	1055710	48.481	ng		99
82) 3,3'-Dichlorobenzidine	21.73	252	119758	14.832	ng		100
83) Chrysene	21.89	228	981741	47.360	ng		99
84) Bis(2-ethylhexyl)phthalate	21.69	149	632017	45.777	ng		99
85) Di-n-octyl phthalate	22.96	149	1084770	47.557	ng		96
86) Indeno(1,2,3-cd)pyrene	29.12	276	1204820	54.172	ng		92
88) Benzo(b)fluoranthene	24.14	252	1053657	49.579	ng		99
89) Benzo(k)fluoranthene	24.21	252	1010734	47.371	ng		99
90) Benzo(a)pyrene	25.06	252	1022756	49.970	ng		98
91) Dibenzo(a,h)anthracene	29.20	278	978968	51.074	ng		99
92) Benzo(g,h,i)perylene	30.36	276	987367	51.681	ng		98

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

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