Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG020619\
Data File : BG039380.D
Acq On : 6 Feb 2019 21:12
Operator : JU/SJ
Sample : K1338-02MSD
Misc :
ALS Vial : 15 Sample Multiplier: 1

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

Manual Integrations APPROVED
mohammad
2/7/2019 8:41:13 AM

Quant Time: Feb 07 01:35:30 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	50889	20.00	ng		0.00
21) Naphthalene-d8	11.00	136	209205	20.00	ng		0.00
39) Acenaphthene-d10	14.80	164	140958	20.00	ng		0.00
64) Phenanthrene-d10	17.54	188	340143	20.00	ng		0.00
76) Chrysene-d12	21.84	240	353763	20.00	ng		0.00
87) Perylene-d12	25.22	264	362152	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.72	112	417293	140.34	ng		0.00
7) Phenol-d6	7.32	99	545010	124.53	ng		0.00
23) Nitrobenzene-d5	9.36	82	379750	113.40	ng		0.00
42) 2,4,6-Tribromophenol	16.29	330	249142	164.14	ng		0.00
45) 2-Fluorobiphenyl	13.43	172	916136	93.24	ng		0.00
79) Terphenyl-d14	20.14	244	1461023	87.42	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.62	88	48789	37.512	ng	#	20
3) Pyridine	4.02	79	111155	32.279	ng		95
4) n-Nitrosodimethylamine	3.93	42	72809	42.278	ng	#	80
6) Aniline	7.51	93	66641	12.156	ng		96
8) 2-Chlorophenol	7.73	128	159868	49.188	ng		98
9) Benzaldehyde	7.32	77	91844	42.884	ng		96
10) Phenol	7.35	94	188251	41.262	ng		98
11) bis(2-Chloroethyl)ether	7.59	93	163274	45.290	ng		97
12) 1,3-Dichlorobenzene	8.06	146	171000	43.431	ng		99
13) 1,4-Dichlorobenzene	8.22	146	178755	45.550	ng		96
14) 1,2-Dichlorobenzene	8.53	146	171070	45.029	ng		99
15) Benzyl Alcohol	8.42	79	159506	46.421	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.70	45	315355	38.736	ng		99
17) 2-Methylphenol	8.60	107	140215	47.492	ng		97
18) Hexachloroethane	9.26	117	61143	45.286	ng		96
19) n-Nitroso-di-n-propylamine	8.99	70	131667	42.386	ng	#	91
20) 3+4-Methylphenols	8.93	107	191842	47.186	ng		97
22) Acetophenone	9.01	105	250489	44.574	ng	#	94
24) Nitrobenzene	9.40	77	194626	53.797	ng		97
25) Isophorone	9.91	82	378289	50.976	ng		98
26) 2-Nitrophenol	10.11	139	88870	58.521	ng		96
27) 2,4-Dimethylphenol	10.15	122	171384	57.091	ng		95
28) bis(2-Chloroethoxy)methane	10.40	93	227403	49.750	ng		97
29) 2,4-Dichlorophenol	10.64	162	176564	53.816	ng		93
30) 1,2,4-Trichlorobenzene	10.85	180	181413	49.250	ng		99
31) Naphthalene	11.05	128	525360	50.620	ng		99
32) Benzoic acid	10.26	122	99525	50.135	ng		92
33) 4-Chloroaniline	11.16	127	11909	2.475	ng		97
34) Hexachlorobutadiene	11.32	225	116937	47.736	ng		96
35) Caprolactam	11.94	113	47332m	34.863	ng		
36) 4-Chloro-3-methylphenol	12.25	107	190701	50.259	ng		95
37) 2-Methylnaphthalene	12.65	142	391878	50.980	ng		98
38) 1-Methylnaphthalene	12.86	142	379089	51.160	ng		98
40) 1,2,4,5-Tetrachlorobenzene	13.00	216	218627	48.748	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.97	237	273610	111.957	ng		99
43) 2,4,6-Trichlorophenol	13.24	196	149617	54.257	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	160397	55.498	ng		99
46) 1,1'-Biphenyl	13.64	154	525962	44.846	ng		99
47) 2-Chloronaphthalene	13.69	162	410150	46.488	ng		99
48) 2-Nitroaniline	13.89	65	133601	51.899	ng		96
49) Acenaphthylene	14.53	152	652678	49.026	ng		98
50) Dimethylphthalate	14.25	163	541199	47.539	ng		99
51) 2,6-Dinitrotoluene	14.38	165	117433	54.210	ng		100
52) Acenaphthene	14.87	154	405996	46.981	ng		97
53) 3-Nitroaniline	14.71	138	23039	14.617	ng	#	85
54) 2,4-Dinitrophenol	14.91	184	100137	96.592	ng		94
55) Dibenzofuran	15.20	168	646938	46.692	ng		99
56) 4-Nitrophenol	15.00	139	187688	90.372	ng		93
57) 2,4-Dinitrotoluene	15.16	165	166147	58.849	ng	#	91
58) Fluorene	15.85	166	522777	50.614	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	158337	58.512	ng		96
60) Diethylphthalate	15.61	149	552274	46.920	ng		98
61) 4-Chlorophenyl-phenylether	15.84	204	278753	47.663	ng		94
62) 4-Nitroaniline	15.87	138	119915	50.036	ng		90
63) Azobenzene	16.13	77	497758	43.266	ng		97
65) 4,6-Dinitro-2-methylphenol	15.92	198	83043	57.456	ng		94
66) n-Nitrosodiphenylamine	16.05	169	477139	46.133	ng		97
67) 4-Bromophenyl-phenylether	16.73	248	181866	48.195	ng		95
68) Hexachlorobenzene	16.84	284	183146	48.375	ng		97
69) Atrazine	16.99	200	189067	50.023	ng		99
70) Pentachlorophenol	17.18	266	241155	91.648	ng		99
71) Phenanthrene	17.59	178	868737	49.347	ng		99
72) Anthracene	17.68	178	877398	50.597	ng		98
73) Carbazole	17.95	167	779050	45.017	ng		99
74) Di-n-butylphthalate	18.48	149	952809	47.193	ng		99
75) Fluoranthene	19.59	202	1050420	51.406	ng		99
77) Benzidine	19.77	184	35247	3.039	ng		98
78) Pyrene	19.95	202	1064572	48.340	ng		99
80) Butylbenzylphthalate	20.82	149	442429	47.624	ng		94
81) Benzo(a)anthracene	21.82	228	1040947	49.797	ng		99
82) 3,3'-Dichlorobenzidine	21.73	252	111751	14.418	ng		97
83) Chrysene	21.89	228	968320	48.662	ng		100
84) Bis(2-ethylhexyl)phthalate	21.69	149	616465	46.513	ng		99
85) Di-n-octyl phthalate	22.96	149	1062476	48.524	ng		96
86) Indeno(1,2,3-cd)pyrene	29.12	276	1174938	55.033	ng		98
88) Benzo(b)fluoranthene	24.14	252	1020619	51.676	ng		99
89) Benzo(k)fluoranthene	24.21	252	1009972	50.935	ng		99
90) Benzo(a)pyrene	25.06	252	1003206	52.742	ng		99
91) Dibenzo(a,h)anthracene	29.19	278	949647	53.312	ng		99
92) Benzo(g,h,i)perylene	30.35	276	952764	53.662	ng		98

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

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