Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG030619\
Data File : BG039795.D
Acq On : 6 Mar 2019 20:05
Operator : JU/SJ
Sample : K1752-01MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : DR-FCMS

Manual Integrations APPROVED
Sohil
3/7/2019 3:42:47 PM

Quant Time: Mar 07 01:03:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	49615	20.00	ng		-0.02
21) Naphthalene-d8	10.98	136	224534	20.00	ng		-0.01
39) Acenaphthene-d10	14.78	164	158611	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	375393	20.00	ng		0.00
76) Chrysene-d12	21.82	240	349271	20.00	ng		-0.01
87) Perylene-d12	25.19	264	366684	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	392780	135.06	ng		0.00
7) Phenol-d6	7.31	99	580959	133.97	ng		0.00
23) Nitrobenzene-d5	9.33	82	340238	81.95	ng		-0.01
42) 2,4,6-Tribromophenol	16.27	330	235549	127.41	ng		0.00
45) 2-Fluorobiphenyl	13.40	172	817807	73.41	ng		-0.01
79) Terphenyl-d14	20.12	244	1180758	74.44	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	39445	29.378	ng		95
3) Pyridine	3.99	79	81674	22.722	ng		97
4) n-Nitrosodimethylamine	3.91	42	64004	37.534	ng		94
6) Aniline	7.48	93	114890	20.223	ng		98
8) 2-Chlorophenol	7.72	128	143445	40.656	ng		97
9) Benzaldehyde	7.29	77	84373	30.163	ng		93
10) Phenol	7.33	94	213244	45.393	ng		97
11) bis(2-Chloroethyl)ether	7.57	93	136099	37.159	ng		93
12) 1,3-Dichlorobenzene	8.04	146	142673	35.754	ng		97
13) 1,4-Dichlorobenzene	8.19	146	144116	35.457	ng		99
14) 1,2-Dichlorobenzene	8.51	146	141867	36.125	ng		98
15) Benzyl Alcohol	8.39	79	142737	41.495	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.67	45	268428	36.644	ng		99
17) 2-Methylphenol	8.59	107	131323	43.841	ng		98
18) Hexachloroethane	9.24	117	51341	35.203	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	116842	37.435	ng		93
20) 3+4-Methylphenols	8.92	107	181459	43.606	ng		96
22) Acetophenone	8.99	105	219153	36.365	ng	#	94
24) Nitrobenzene	9.38	77	170309	39.104	ng		95
25) Isophorone	9.89	82	338525	38.916	ng		98
26) 2-Nitrophenol	10.08	139	87480	41.601	ng		96
27) 2,4-Dimethylphenol	10.13	122	157942	48.294	ng		96
28) bis(2-Chloroethoxy)methane	10.37	93	201078	38.037	ng		97
29) 2,4-Dichlorophenol	10.62	162	170210	46.225	ng		92
30) 1,2,4-Trichlorobenzene	10.83	180	155887	37.623	ng		99
31) Naphthalene	11.03	128	456176	38.372	ng		99
32) Benzoic acid	10.27	122	101244	45.487	ng		98
33) 4-Chloroaniline	11.14	127	64442	12.783	ng		94
34) Hexachlorobutadiene	11.29	225	99780	35.241	ng		92
35) Caprolactam	11.92	113	58980m	41.932	ng		
36) 4-Chloro-3-methylphenol	12.24	107	182980	43.350	ng		96
37) 2-Methylnaphthalene	12.62	142	350273	39.410	ng		98
38) 1-Methylnaphthalene	12.84	142	333120	38.567	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	193796	36.066	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	222315	77.203	ng		99
43) 2,4,6-Trichlorophenol	13.22	196	144874	46.052	ng		98
44) 2,4,5-Trichlorophenol	13.29	196	151811	42.813	ng		98
46) 1,1'-Biphenyl	13.62	154	479701	36.771	ng		99
47) 2-Chloronaphthalene	13.67	162	369677	37.668	ng		98
48) 2-Nitroaniline	13.87	65	132375	41.971	ng		93
49) Acenaphthylene	14.51	152	599045	37.183	ng		98
50) Dimethylphthalate	14.23	163	554780	41.829	ng		99
51) 2,6-Dinitrotoluene	14.36	165	114218	40.623	ng		97
52) Acenaphthene	14.85	154	364417	37.582	ng		98
53) 3-Nitroaniline	14.70	138	67023	23.714	ng	#	86
54) 2,4-Dinitrophenol	14.90	184	73577	44.025	ng		99
55) Dibenzofuran	15.18	168	594949	37.396	ng		99
56) 4-Nitrophenol	14.99	139	199387	78.861	ng		93
57) 2,4-Dinitrotoluene	15.14	165	165086	41.786	ng		89
58) Fluorene	15.82	166	471653	37.712	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	154903	44.730	ng		97
60) Diethylphthalate	15.58	149	512315	39.021	ng		97
61) 4-Chlorophenyl-phenylether	15.81	204	249251	37.347	ng		94
62) 4-Nitroaniline	15.86	138	120695	39.391	ng		92
63) Azobenzene	16.11	77	456102	38.323	ng		97
65) 4,6-Dinitro-2-methylphenol	15.90	198	77511	34.922	ng		97
66) n-Nitrosodiphenylamine	16.03	169	444809	40.929	ng		98
67) 4-Bromophenyl-phenylether	16.70	248	164800	39.220	ng		96
68) Hexachlorobenzene	16.82	284	167678	38.497	ng		94
69) Atrazine	16.97	200	178034	41.625	ng		96
70) Pentachlorophenol	17.17	266	215207	78.235	ng		99
71) Phenanthrene	17.57	178	774599	37.462	ng		99
72) Anthracene	17.66	178	789740	39.194	ng		97
73) Carbazole	17.93	167	708641	39.011	ng		98
74) Di-n-butylphthalate	18.46	149	833151	38.982	ng		100
75) Fluoranthene	19.57	202	879304	35.983	ng		99
77) Benzidine	19.75	184	213956	19.304	ng		98
78) Pyrene	19.94	202	876750	38.630	ng		100
80) Butylbenzylphthalate	20.80	149	373611	42.490	ng		95
81) Benzo(a)anthracene	21.80	228	821024	37.507	ng		100
82) 3,3'-Dichlorobenzidine	21.71	252	129095	16.153	ng		99
83) Chrysene	21.87	228	787057	37.088	ng		98
84) Bis(2-ethylhexyl)phthalate	21.66	149	518481	41.961	ng		100
85) Di-n-octyl phthalate	22.91	149	879751	43.000	ng		97
86) Indeno(1,2,3-cd)pyrene	29.06	276	945090	39.256	ng	#	80
88) Benzo(b)fluoranthene	24.11	252	808679	36.983	ng		99
89) Benzo(k)fluoranthene	24.18	252	797402	39.177	ng		98
90) Benzo(a)pyrene	25.03	252	796774	39.434	ng		99
91) Dibenzo(a,h)anthracene	29.14	278	767004	38.721	ng		99
92) Benzo(g,h,i)perylene	30.30	276	785001	39.459	ng		98

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

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