Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022619\
Data File : BG039604.D
Acq On : 26 Feb 2019 17:21
Operator : JU/SJ
Sample : K1586-03MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
M-1MSD

Manual Integrations APPROVED
Sohil
2/27/2019 4:21:46 PM

Quant Time: Feb 27 03:12:16 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	59714	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	256164	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	172923	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	405984	20.00	ng		-0.02
76) Chrysene-d12	21.82	240	398191	20.00	ng		-0.02
87) Perylene-d12	25.21	264	415220	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	469098	134.45	ng		0.00
7) Phenol-d6	7.32	99	676160	131.66	ng		0.00
23) Nitrobenzene-d5	9.35	82	400078	97.57	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	270342	145.18	ng		-0.01
45) 2-Fluorobiphenyl	13.41	172	913553	75.79	ng		-0.02
79) Terphenyl-d14	20.13	244	1316918	70.00	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	51616	33.821	ng		92
3) Pyridine	4.01	79	144801	35.836	ng		97
4) n-Nitrosodimethylamine	3.93	42	78470	38.831	ng		85
6) Aniline	7.50	93	188718	29.337	ng		98
8) 2-Chlorophenol	7.73	128	164141	43.039	ng		95
9) Benzaldehyde	7.31	77	77356	27.500	ng		94
10) Phenol	7.34	94	253140	47.285	ng		97
11) bis(2-Chloroethyl)ether	7.58	93	159922	37.804	ng		97
12) 1,3-Dichlorobenzene	8.05	146	173327	37.516	ng		97
13) 1,4-Dichlorobenzene	8.20	146	180544	39.207	ng		97
14) 1,2-Dichlorobenzene	8.52	146	172017	38.587	ng		98
15) Benzyl Alcohol	8.41	79	159427	39.541	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.68	45	314822	32.955	ng		99
17) 2-Methylphenol	8.60	107	145085	41.879	ng		99
18) Hexachloroethane	9.25	117	64352	40.619	ng		97
19) n-Nitroso-di-n-propylamine	8.97	70	135665	37.219	ng		89
20) 3+4-Methylphenols	8.93	107	204237	42.811	ng		97
22) Acetophenone	9.00	105	252400	36.681	ng	#	95
24) Nitrobenzene	9.39	77	195759	44.191	ng		98
25) Isophorone	9.90	82	384050	42.265	ng		99
26) 2-Nitrophenol	10.10	139	99919	54.976	ng		96
27) 2,4-Dimethylphenol	10.14	122	173849	47.296	ng		94
28) bis(2-Chloroethoxy)methane	10.38	93	232587	41.557	ng		99
29) 2,4-Dichlorophenol	10.63	162	183925	45.783	ng		91
30) 1,2,4-Trichlorobenzene	10.85	180	189651	42.048	ng		99
31) Naphthalene	11.04	128	531322	41.810	ng		98
32) Benzoic acid	10.23	122	35520	21.005	ng		92
33) 4-Chloroaniline	11.15	127	112485	19.090	ng		95
34) Hexachlorobutadiene	11.30	225	124443	41.488	ng		95
35) Caprolactam	11.93	113	63039m	37.920	ng		
36) 4-Chloro-3-methylphenol	12.25	107	195805	42.144	ng		97
37) 2-Methylnaphthalene	12.63	142	407595	43.304	ng		98
38) 1-Methylnaphthalene	12.85	142	388314	42.799	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	229450	41.704	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	261974	87.381	ng		97
43) 2,4,6-Trichlorophenol	13.23	196	154393	45.640	ng		98
44) 2,4,5-Trichlorophenol	13.30	196	164427	46.376	ng		97
46) 1,1'-Biphenyl	13.63	154	544623	37.854	ng		99
47) 2-Chloronaphthalene	13.68	162	428887	39.626	ng		98
48) 2-Nitroaniline	13.88	65	144177	46.653	ng		96
49) Acenaphthylene	14.52	152	676498	41.422	ng		98
50) Dimethylphthalate	14.24	163	621550	44.505	ng		99
51) 2,6-Dinitrotoluene	14.37	165	123923	47.548	ng		98
52) Acenaphthene	14.86	154	418840	39.508	ng		99
53) 3-Nitroaniline	14.70	138	80435	30.905	ng	#	93
54) 2,4-Dinitrophenol	14.90	184	148542	109.191	ng		99
55) Dibenzofuran	15.19	168	675621	39.748	ng		98
56) 4-Nitrophenol	15.00	139	222843	87.652	ng		92
57) 2,4-Dinitrotoluene	15.15	165	182286	53.457	ng		87
58) Fluorene	15.84	166	537454	42.417	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	167019	50.311	ng		95
60) Diethylphthalate	15.59	149	572306	39.634	ng		99
61) 4-Chlorophenyl-phenylether	15.82	204	284137	39.603	ng		98
62) 4-Nitroaniline	15.87	138	135257	46.343	ng		93
63) Azobenzene	16.11	77	512284	36.297	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	107056	60.621	ng		97
66) n-Nitrosodiphenylamine	16.04	169	493779	40.000	ng		99
67) 4-Bromophenyl-phenylether	16.71	248	189366	42.045	ng		96
68) Hexachlorobenzene	16.83	284	192593	42.620	ng		94
69) Atrazine	16.98	200	184723	40.947	ng		99
70) Pentachlorophenol	17.18	266	254446	81.017	ng		99
71) Phenanthrene	17.58	178	897089	42.693	ng		99
72) Anthracene	17.67	178	905083	43.729	ng		99
73) Carbazole	17.94	167	802112	38.833	ng		100
74) Di-n-butylphthalate	18.47	149	963069	39.965	ng		99
75) Fluoranthene	19.58	202	1052895	43.171	ng		99
77) Benzidine	19.76	184	515483	39.486	ng		100
78) Pyrene	19.94	202	1050921	42.396	ng		99
80) Butylbenzylphthalate	20.81	149	445840	42.637	ng		95
81) Benzo(a)anthracene	21.81	228	1034413	43.964	ng		99
82) 3,3'-Dichlorobenzidine	21.71	252	233841	26.803	ng		99
83) Chrysene	21.88	228	963032	42.996	ng		100
84) Bis(2-ethylhexyl)phthalate	21.67	149	617317	41.381	ng		99
85) Di-n-octyl phthalate	22.93	149	1062550	43.113	ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	1164959	48.477	ng		100
88) Benzo(b)fluoranthene	24.12	252	1014234	44.790	ng		99
89) Benzo(k)fluoranthene	24.19	252	970935	42.708	ng		99
90) Benzo(a)pyrene	25.04	252	990212	45.406	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	932565	45.662	ng		98
92) Benzo(g,h,i)perylene	30.32	276	967648	47.535	ng		99

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

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