Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG041619\
Data File : BG040514.D
Acq On : 16 Apr 2019 22:11
Operator : JU/SJ
Sample : K2422-07MSD
Misc :
ALS Vial : 16 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP1-DMSD

Manual Integrations APPROVED
Sohil
4/17/2019 3:33:43 PM

Quant Time: Apr 17 03:39:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG032719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Mar 28 05:47:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	18534	20.00	ng		-0.03
21) Naphthalene-d8	10.86	136	61375	20.00	ng		-0.03
39) Acenaphthene-d10	14.67	164	39536	20.00	ng		-0.03
64) Phenanthrene-d10	17.42	188	99633	20.00	ng		-0.03
76) Chrysene-d12	21.70	240	85527	20.00	ng		-0.03
87) Perylene-d12	24.97	264	93254	20.00	ng		-0.06
System Monitoring Compounds							
5) 2-Fluorophenol	5.60	112	460394	412.95	ng		-0.02
7) Phenol-d6	7.20	99	657592	426.79	ng		-0.02
23) Nitrobenzene-d5	9.22	82	399662	346.12	ng		-0.02
42) 2,4,6-Tribromophenol	16.17	330	254168	594.85	ng		-0.02
45) 2-Fluorobiphenyl	13.29	172	846661	317.32	ng		-0.03
79) Terphenyl-d14	20.02	244	1288387	338.89	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.49	88	51082	97.441	ng	#	96
3) Pyridine	3.89	79	134009	94.942	ng		97
4) n-Nitrosodimethylamine	3.82	42	67102	102.774	ng	#	89
6) Aniline	7.37	93	107522	53.712	ng		99
8) 2-Chlorophenol	7.61	128	145856	111.760	ng		92
9) Benzaldehyde	7.19	77	53210	50.345	ng		99
10) Phenol	7.23	94	198668	118.792	ng		99
11) bis(2-Chloroethyl)ether	7.47	93	141681	105.772	ng		96
12) 1,3-Dichlorobenzene	7.93	146	152813	107.713	ng		97
13) 1,4-Dichlorobenzene	8.08	146	155204	109.840	ng		98
14) 1,2-Dichlorobenzene	8.39	146	147268	108.986	ng		98
15) Benzyl Alcohol	8.29	79	133144	107.299	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	282857	110.029	ng		99
17) 2-Methylphenol	8.48	107	134270	116.024	ng		95
18) Hexachloroethane	9.12	117	56649	105.398	ng		95
19) n-Nitroso-di-n-propylamine	8.85	70	115718	104.750	ng		98
20) 3+4-Methylphenols	8.81	107	184642	117.776	ng		99
22) Acetophenone	8.87	105	224916	146.909	ng	#	99
24) Nitrobenzene	9.26	77	171708	143.604	ng		99
25) Isophorone	9.77	82	342166	144.020	ng		98
26) 2-Nitrophenol	9.97	139	83601	147.556	ng		91
27) 2,4-Dimethylphenol	10.02	122	146066	162.303	ng		97
28) bis(2-Chloroethoxy)methane	10.26	93	202758	144.250	ng		100
29) 2,4-Dichlorophenol	10.50	162	153724	157.368	ng		99
30) 1,2,4-Trichlorobenzene	10.71	180	156030	145.467	ng		99
31) Naphthalene	10.91	128	468171	148.819	ng		98
32) Benzoic acid	10.17	122	44879m	82.536	ng		
33) 4-Chloroaniline	11.03	127	77796	57.974	ng		97
34) Hexachlorobutadiene	11.17	225	94130	137.218	ng		96
35) Caprolactam	11.81	113	59099	152.454	ng		98
36) 4-Chloro-3-methylphenol	12.14	107	182793	162.772	ng		100
37) 2-Methylnaphthalene	12.51	142	347094	149.180	ng		98
38) 1-Methylnaphthalene	12.72	142	332595	147.416	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	179820	143.101	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	187267	271.417	ng		95
43) 2,4,6-Trichlorophenol	13.11	196	125987	155.508	ng		95
44) 2,4,5-Trichlorophenol	13.19	196	136755	154.865	ng		99
46) 1,1'-Biphenyl	13.51	154	458008	146.616	ng		99
47) 2-Chloronaphthalene	13.56	162	351613	146.738	ng		100
48) 2-Nitroaniline	13.77	65	130100	160.963	ng		91
49) Acenaphthylene	14.40	152	598507	147.317	ng		100
50) Dimethylphthalate	14.13	163	622482	201.174	ng		99
51) 2,6-Dinitrotoluene	14.26	165	107699	155.014	ng		99
52) Acenaphthene	14.74	154	350822	150.698	ng		98
53) 3-Nitroaniline	14.59	138	57263	77.863	ng		91
54) 2,4-Dinitrophenol	14.80	184	96524	261.233	ng		95
55) Dibenzofuran	15.07	168	571967	152.902	ng		97
56) 4-Nitrophenol	14.90	139	169264	285.169	ng		98
57) 2,4-Dinitrotoluene	15.04	165	154181	159.709	ng		99
58) Fluorene	15.72	166	455547	154.893	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.30	232	130194	162.472	ng	#	97
60) Diethylphthalate	15.47	149	500152	157.960	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	246152	156.578	ng		96
62) 4-Nitroaniline	15.76	138	121332	153.732	ng		99
63) Azobenzene	16.00	77	471866	157.991	ng		98
65) 4,6-Dinitro-2-methylphenol	15.80	198	80784	144.320	ng		96
66) n-Nitrosodiphenylamine	15.93	169	440269	151.008	ng		98
67) 4-Bromophenyl-phenylether	16.60	248	164572	146.780	ng		96
68) Hexachlorobenzene	16.72	284	165660	146.949	ng		98
69) Atrazine	16.87	200	162974	150.268	ng		98
70) Pentachlorophenol	17.07	266	167122	256.418	ng		98
71) Phenanthrene	17.46	178	798895	152.551	ng		99
72) Anthracene	17.55	178	812129	154.936	ng		100
73) Carbazole	17.83	167	757944	152.790	ng		99
74) Di-n-butylphthalate	18.36	149	929300	158.040	ng		100
75) Fluoranthene	19.47	202	962186	155.163	ng		99
77) Benzidine	19.66	184	222932	72.182	ng		94
78) Pyrene	19.83	202	956020	169.978	ng		99
80) Butylbenzylphthalate	20.70	149	428020	177.843	ng		100
81) Benzo(a)anthracene	21.67	228	857152	162.709	ng		100
82) 3,3'-Dichlorobenzidine	21.59	252	170958	85.310	ng		99
83) Chrysene	21.74	228	845269	166.955	ng		100
84) Bis(2-ethylhexyl)phthalate	21.54	149	616448	179.181	ng		100
85) Di-n-octyl phthalate	22.76	149	1054398	179.884	ng		100
86) Indeno(1,2,3-cd)pyrene	28.72	276	1000902	161.639	ng	#	85
88) Benzo(b)fluoranthene	23.92	252	928401	162.610	ng		98
89) Benzo(k)fluoranthene	23.99	252	878587	167.337	ng		98
90) Benzo(a)pyrene	24.82	252	886380	165.466	ng		98
91) Dibenzo(a,h)anthracene	28.79	278	821516	165.121	ng		99
92) Benzo(g,h,i)perylene	29.92	276	837666	163.828	ng		99

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

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