Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG032619\
Data File : BG040153.D
Acq On : 26 Mar 2019 18:57
Operator : JU/SJ
Sample : K2081-02MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S3A(2-10)COMPMS

Manual Integrations APPROVED
Sohil
3/27/2019 5:30:26 PM

Quant Time: Mar 27 01:51:25 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	8.14	152	39382	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	163923	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	109829	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	277365	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	272431	20.00	ng	-0.03
87) Perylene-d12	25.15	264	286529	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	301039	130.41	ng	-0.02
7) Phenol-d6	7.29	99	391699	113.80	ng	-0.02
23) Nitrobenzene-d5	9.32	82	290815	95.95	ng	-0.02
42) 2,4,6-Tribromophenol	16.25	330	199765	156.05	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	683928	88.66	ng	-0.02
79) Terphenyl-d14	20.11	244	1161265	93.85	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.59	88	39330	36.904	ng	# 6
3) Pyridine	3.99	79	91403	32.036	ng	97
4) n-Nitrosodimethylamine	3.90	42	52769	38.986	ng	90
6) Aniline	7.46	93	44482	9.864	ng	92
8) 2-Chlorophenol	7.70	128	122539	43.755	ng	94
9) Benzaldehyde	7.28	77	32091	14.453	ng	98
10) Phenol	7.32	94	136740	36.671	ng	97
11) bis(2-Chloroethyl)ether	7.56	93	119403	41.071	ng	96
12) 1,3-Dichlorobenzene	8.03	146	130184	41.102	ng	96
13) 1,4-Dichlorobenzene	8.17	146	131966	40.904	ng	97
14) 1,2-Dichlorobenzene	8.49	146	125950	40.406	ng	99
15) Benzyl Alcohol	8.38	79	116839	42.792	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.66	45	232830	40.043	ng	98
17) 2-Methylphenol	8.57	107	105703	44.458	ng	96
18) Hexachloroethane	9.22	117	47111	40.696	ng	99
19) n-Nitroso-di-n-propylamine	8.94	70	99210	40.045	ng	91
20) 3+4-Methylphenols	8.90	107	145989	44.198	ng	98
22) Acetophenone	8.97	105	191688	43.569	ng	# 93
24) Nitrobenzene	9.36	77	150977	47.483	ng	99
25) Isophorone	9.87	82	288356	45.405	ng	99
26) 2-Nitrophenol	10.07	139	75475	49.163	ng	96
27) 2,4-Dimethylphenol	10.11	122	130355	54.596	ng	91
28) bis(2-Chloroethoxy)methane	10.35	93	175249	45.409	ng	97
29) 2,4-Dichlorophenol	10.60	162	141673	52.702	ng	93
30) 1,2,4-Trichlorobenzene	10.81	180	137015	45.295	ng	99
31) Naphthalene	11.01	128	392799	45.258	ng	99
32) Benzoic acid	10.23	122	4940m	9.197	ng	
33) 4-Chloroaniline	11.14	127	7615	2.069	ng	95
34) Hexachlorobutadiene	11.27	225	91489	44.260	ng	96
35) Caprolactam	11.90	113	30315m	29.521	ng	
36) 4-Chloro-3-methylphenol	12.23	107	152153	49.375	ng	99
37) 2-Methylnaphthalene	12.60	142	304785	46.972	ng	100
38) 1-Methylnaphthalene	12.82	142	291177	46.176	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	173078	46.517	ng	100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.93	237	199340	99.972	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	119159	54.702	ng		96
44) 2,4,5-Trichlorophenol	13.28	196	127220	51.813	ng		95
46) 1,1'-Biphenyl	13.60	154	418217	46.297	ng		99
47) 2-Chloronaphthalene	13.65	162	325322	47.872	ng		98
48) 2-Nitroaniline	13.86	65	112549	51.535	ng		97
49) Acenaphthylene	14.49	152	521565	46.753	ng		99
50) Dimethylphthalate	14.21	163	445504	48.510	ng		99
51) 2,6-Dinitrotoluene	14.35	165	98466	50.575	ng		94
52) Acenaphthene	14.83	154	318156	47.384	ng		98
53) 3-Nitroaniline	14.68	138	9538	4.874	ng	#	90
54) 2,4-Dinitrophenol	14.88	184	22887	22.672	ng		93
55) Dibenzofuran	15.16	168	523563	47.526	ng		99
56) 4-Nitrophenol	14.98	139	118121	67.469	ng		95
57) 2,4-Dinitrotoluene	15.13	165	139615	51.035	ng	#	84
58) Fluorene	15.81	166	414211	47.829	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.38	232	122539	51.101	ng		97
60) Diethylphthalate	15.56	149	449092	49.398	ng		97
61) 4-Chlorophenyl-phenylether	15.79	204	222516	48.150	ng		98
62) 4-Nitroaniline	15.85	138	91139	42.956	ng		95
63) Azobenzene	16.09	77	392547	47.633	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	31431	19.166	ng		96
66) n-Nitrosodiphenylamine	16.01	169	384270	47.856	ng		99
67) 4-Bromophenyl-phenylether	16.69	248	149221	48.064	ng		95
68) Hexachlorobenzene	16.80	284	153689	47.757	ng		93
69) Atrazine	16.95	200	152834	48.362	ng		98
70) Pentachlorophenol	17.15	266	112703	55.452	ng		96
71) Phenanthrene	17.56	178	699595	45.792	ng		99
72) Anthracene	17.64	178	708355	47.579	ng		99
73) Carbazole	17.92	167	623113	46.426	ng		99
74) Di-n-butylphthalate	18.44	149	751005	47.558	ng		99
75) Fluoranthene	19.55	202	829928	45.966	ng		99
77) Benzidine	19.74	184	91631	10.599	ng		97
78) Pyrene	19.92	202	844828	47.723	ng		98
80) Butylbenzylphthalate	20.78	149	344764	50.268	ng		95
81) Benzo(a)anthracene	21.77	228	801016	46.914	ng		99
82) 3,3'-Dichlorobenzidine	21.69	252	67563	10.838	ng		98
83) Chrysene	21.84	228	773013	46.700	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	476799	49.472	ng		100
85) Di-n-octyl phthalate	22.88	149	817560	51.232	ng		94
86) Indeno(1,2,3-cd)pyrene	29.01	276	914512	48.700	ng		96
88) Benzo(b)fluoranthene	24.08	252	806110	47.179	ng		98
89) Benzo(k)fluoranthene	24.15	252	789972	49.669	ng		98
90) Benzo(a)pyrene	25.00	252	787825	49.898	ng		98
91) Dibenzo(a,h)anthracene	29.08	278	735108	47.492	ng		97
92) Benzo(g,h,i)perylene	30.24	276	742071	47.735	ng		97

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

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