Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG032519\
Data File : BG040124.D
Acq On : 25 Mar 2019 19:33
Operator : JU/SJ
Sample : K2040-02MS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
S4B(2-10)MS

Manual Integrations APPROVED
Sohil
3/26/2019 6:22:33 PM

Quant Time: Mar 26 05:29:49 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	34325	20.00	ng	-0.03
21) Naphthalene-d8	10.96	136	154527	20.00	ng	-0.03
39) Acenaphthene-d10	14.77	164	112530	20.00	ng	-0.02
64) Phenanthrene-d10	17.51	188	286339	20.00	ng	-0.02
76) Chrysene-d12	21.80	240	281590	20.00	ng	-0.03
87) Perylene-d12	25.16	264	297741	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	269182	133.79	ng	-0.02
7) Phenol-d6	7.29	99	374213	124.74	ng	-0.02
23) Nitrobenzene-d5	9.32	82	251752	88.11	ng	-0.03
42) 2,4,6-Tribromophenol	16.25	330	193928	147.85	ng	-0.02
45) 2-Fluorobiphenyl	13.39	172	614966	77.81	ng	-0.03
79) Terphenyl-d14	20.11	244	1126338	88.07	ng	-0.02
Target Compounds						Qvalue
2) 1,4-Dioxane	3.58	88	32238	34.706	ng	# 48
3) Pyridine	3.99	79	70716	28.437	ng	94
4) n-Nitrosodimethylamine	3.90	42	46294	39.241	ng	91
6) Aniline	7.47	93	37333	9.498	ng	95
8) 2-Chlorophenol	7.70	128	106020	43.434	ng	94
9) Benzaldehyde	7.28	77	29055	15.014	ng	98
10) Phenol	7.32	94	129990	39.997	ng	100
11) bis(2-Chloroethyl)ether	7.56	93	103835	40.978	ng	97
12) 1,3-Dichlorobenzene	8.02	146	96773	35.054	ng	98
13) 1,4-Dichlorobenzene	8.18	146	102287	36.376	ng	99
14) 1,2-Dichlorobenzene	8.49	146	98230	36.155	ng	97
15) Benzyl Alcohol	8.38	79	100472	42.219	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.66	45	193263	38.135	ng	95
17) 2-Methylphenol	8.58	107	91803	44.300	ng	99
18) Hexachloroethane	9.22	117	35183	34.870	ng	93
19) n-Nitroso-di-n-propylamine	8.94	70	86784	40.190	ng	93
20) 3+4-Methylphenols	8.90	107	127008	44.117	ng	98
22) Acetophenone	8.97	105	166531	40.153	ng	# 94
24) Nitrobenzene	9.36	77	129001	43.038	ng	94
25) Isophorone	9.87	82	249760	41.719	ng	100
26) 2-Nitrophenol	10.07	139	62934	43.487	ng	94
27) 2,4-Dimethylphenol	10.12	122	106829	47.463	ng	94
28) bis(2-Chloroethoxy)methane	10.36	93	149398	41.065	ng	97
29) 2,4-Dichlorophenol	10.60	162	121046	47.766	ng	98
30) 1,2,4-Trichlorobenzene	10.81	180	115363	40.456	ng	99
31) Naphthalene	11.01	128	336226	41.096	ng	99
32) Benzoic acid	10.23	122	35134	26.208	ng	99
33) 4-Chloroaniline	11.13	127	10699	3.084	ng	97
34) Hexachlorobutadiene	11.27	225	74278	38.119	ng	95
35) Caprolactam	11.91	113	35226m	36.390	ng	
36) 4-Chloro-3-methylphenol	12.23	107	136086	46.847	ng	98
37) 2-Methylnaphthalene	12.61	142	262760	42.957	ng	98
38) 1-Methylnaphthalene	12.82	142	256412	43.136	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.96	216	149686	39.265	ng	99

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Quant Time: Mar 26 05:29:49 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)
41) Hexachlorocyclopentadiene	12.93	237	178727	87.483	ng		98
43) 2,4,6-Trichlorophenol	13.20	196	106371	47.660	ng		98
44) 2,4,5-Trichlorophenol	13.28	196	116334	46.242	ng		97
46) 1,1'-Biphenyl	13.60	154	374154	40.425	ng		97
47) 2-Chloronaphthalene	13.65	162	287334	41.267	ng		98
48) 2-Nitroaniline	13.86	65	102326	45.730	ng		99
49) Acenaphthylene	14.49	152	467650	40.914	ng		100
50) Dimethylphthalate	14.22	163	408037	43.364	ng		100
51) 2,6-Dinitrotoluene	14.34	165	90640	45.438	ng		99
52) Acenaphthene	14.83	154	287359	41.770	ng		100
53) 3-Nitroaniline	14.68	138	19512	9.731	ng	#	88
54) 2,4-Dinitrophenol	14.89	184	62590	51.741	ng		98
55) Dibenzofuran	15.16	168	482992	42.791	ng		99
56) 4-Nitrophenol	14.98	139	134278	74.857	ng		92
57) 2,4-Dinitrotoluene	15.13	165	131869	47.047	ng		85
58) Fluorene	15.81	166	388645	43.800	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.38	232	120885	49.202	ng		97
60) Diethylphthalate	15.57	149	420049	45.094	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	206261	43.561	ng		99
62) 4-Nitroaniline	15.84	138	88754	40.828	ng		91
63) Azobenzene	16.09	77	363348	43.032	ng		96
65) 4,6-Dinitro-2-methylphenol	15.89	198	59779	35.309	ng		92
66) n-Nitrosodiphenylamine	16.01	169	362784	43.764	ng		98
67) 4-Bromophenyl-phenylether	16.69	248	139905	43.651	ng		96
68) Hexachlorobenzene	16.81	284	143714	43.257	ng		96
69) Atrazine	16.95	200	146667	44.956	ng		97
70) Pentachlorophenol	17.15	266	152693	72.773	ng		97
71) Phenanthrene	17.56	178	673505	42.703	ng		99
72) Anthracene	17.65	178	685218	44.583	ng		99
73) Carbazole	17.92	167	596489	43.050	ng		99
74) Di-n-butylphthalate	18.44	149	729482	44.747	ng		99
75) Fluoranthene	19.56	202	802686	43.064	ng		98
77) Benzidine	19.74	184	14602	1.634	ng	#	90
78) Pyrene	19.92	202	813642	44.466	ng		99
80) Butylbenzylphthalate	20.78	149	331695	46.790	ng		94
81) Benzo(a)anthracene	21.78	228	765386	43.369	ng		100
82) 3,3'-Dichlorobenzidine	21.69	252	76317	11.845	ng		97
83) Chrysene	21.85	228	735374	42.981	ng		99
84) Bis(2-ethylhexyl)phthalate	21.64	149	460397	46.216	ng		100
85) Di-n-octyl phthalate	22.89	149	786036	47.654	ng		94
86) Indeno(1,2,3-cd)pyrene	29.02	276	878889	45.281	ng	#	96
88) Benzo(b)fluoranthene	24.08	252	787425	44.350	ng		99
89) Benzo(k)fluoranthene	24.15	252	738421	44.679	ng		99
90) Benzo(a)pyrene	24.99	252	743212	45.300	ng		99
91) Dibenzo(a,h)anthracene	29.09	278	722921	44.946	ng		98
92) Benzo(g,h,i)perylene	30.24	276	729853	45.182	ng		97

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

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