Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100319\
Data File : BG043016.D
Acq On : 3 Oct 2019 17:48
Operator : JU
Sample : K5168-04MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
2019073-SS-COMPOSITE-13MSD

Manual Integrations APPROVED
mohammad
10/7/2019 8:26:33 AM

Quant Time: Oct 04 07:33:59 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Sep 25 15:35:52 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	73782	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	273482	20.00	ng		0.00
39) Acenaphthene-d10	14.69	164	195919	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	442725	20.00	ng		0.00
76) Chrysene-d12	21.70	240	470677	20.00	ng		-0.01
87) Perylene-d12	24.93	264	549444	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	470672	113.85	ng		0.00
7) Phenol-d6	7.24	99	674408	113.28	ng		0.00
23) Nitrobenzene-d5	9.23	82	413040	73.41	ng		0.00
42) 2,4,6-Tribromophenol	16.18	330	377559	112.07	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	898586	66.49	ng		-0.01
79) Terphenyl-d14	20.04	244	1522977	68.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	58624	34.010	ng		91
3) Pyridine	3.95	79	160322	33.069	ng		91
4) n-Nitrosodimethylamine	3.86	42	95712	41.053	ng	#	79
6) Aniline	7.40	93	266147	37.033	ng		99
8) 2-Chlorophenol	7.64	128	202876	47.054	ng		98
9) Benzaldehyde	7.21	77	127933	35.165	ng		90
10) Phenol	7.27	94	281786	51.587	ng		96
11) bis(2-Chloroethyl)ether	7.49	93	179466	42.464	ng		97
12) 1,3-Dichlorobenzene	7.96	146	224089	40.742	ng		98
13) 1,4-Dichlorobenzene	8.10	146	229098	41.783	ng		98
14) 1,2-Dichlorobenzene	8.42	146	217105	41.590	ng		96
15) Benzyl Alcohol	8.31	79	197244	44.065	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	278305	34.289	ng		99
17) 2-Methylphenol	8.52	107	178182	46.620	ng		95
18) Hexachloroethane	9.15	117	81691	39.560	ng		93
19) n-Nitroso-di-n-propylamine	8.87	70	160869	41.150	ng		94
20) 3+4-Methylphenols	8.84	107	243100	46.413	ng		97
22) Acetophenone	8.89	105	302578	42.922	ng	#	96
24) Nitrobenzene	9.27	77	244158	45.493	ng		98
25) Isophorone	9.79	82	441282	44.649	ng		99
26) 2-Nitrophenol	9.98	139	119822	52.446	ng		96
27) 2,4-Dimethylphenol	10.04	122	192302	54.808	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	245149	43.718	ng		97
29) 2,4-Dichlorophenol	10.52	162	224731	51.500	ng		95
30) 1,2,4-Trichlorobenzene	10.73	180	249637	44.300	ng		96
31) Naphthalene	10.92	128	613212	45.550	ng		99
32) Benzoic acid	10.20	122	129266	47.442	ng		98
33) 4-Chloroaniline	11.03	127	163442	27.978	ng		95
34) Hexachlorobutadiene	11.21	225	175353	41.559	ng		98
35) Caprolactam	11.81	113	70645m	45.908	ng		
36) 4-Chloro-3-methylphenol	12.15	107	228446	48.149	ng		94
37) 2-Methylnaphthalene	12.52	142	467205	45.491	ng		94
38) 1-Methylnaphthalene	12.74	142	442096	45.493	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	309215	41.976	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	375188	79.937	ng		95
43) 2,4,6-Trichlorophenol	13.13	196	200761	46.563	ng		97
44) 2,4,5-Trichlorophenol	13.20	196	221634	49.900	ng		99
46) 1,1'-Biphenyl	13.52	154	632268	42.556	ng		97
47) 2-Chloronaphthalene	13.56	162	498359	44.739	ng		99
48) 2-Nitroaniline	13.77	65	161267	43.535	ng		89
49) Acenaphthylene	14.41	152	798543	46.849	ng		98
50) Dimethylphthalate	14.14	163	767542	52.287	ng		99
51) 2,6-Dinitrotoluene	14.26	165	149192	47.725	ng		94
52) Acenaphthene	14.75	154	494074	43.306	ng		97
53) 3-Nitroaniline	14.59	138	106934	33.100	ng		94
54) 2,4-Dinitrophenol	14.79	184	169055	87.001	ng		93
55) Dibenzofuran	15.08	168	763969	45.267	ng		100
56) 4-Nitrophenol	14.90	139	236551	96.098	ng		96
57) 2,4-Dinitrotoluene	15.04	165	210145	45.905	ng		95
58) Fluorene	15.73	166	638578	44.318	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.31	232	216500	45.780	ng		100
60) Diethylphthalate	15.50	149	628269	42.055	ng		98
61) 4-Chlorophenyl-phenylether	15.73	204	373137	43.179	ng		99
62) 4-Nitroaniline	15.75	138	148778	42.225	ng		97
63) Azobenzene	16.02	77	570138	41.918	ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	122344	48.835	ng		94
66) n-Nitrosodiphenylamine	15.94	169	569507	48.729	ng		100
67) 4-Bromophenyl-phenylether	16.62	248	257421	46.327	ng		96
68) Hexachlorobenzene	16.74	284	285874	46.206	ng		96
69) Atrazine	16.88	200	215256	43.738	ng		96
70) Pentachlorophenol	17.08	266	360943	101.104	ng		98
71) Phenanthrene	17.48	178	1022570	47.311	ng		98
72) Anthracene	17.56	178	1028953	47.686	ng		98
73) Carbazole	17.83	167	932440	46.600	ng		99
74) Di-n-butylphthalate	18.39	149	1066495	44.673	ng		99
75) Fluoranthene	19.48	202	1340413	46.887	ng		99
77) Benzidine	19.66	184	804407	68.255	ng		99
78) Pyrene	19.84	202	1350863	48.086	ng		99
80) Butylbenzylphthalate	20.73	149	499738	46.865	ng		97
81) Benzo(a)anthracene	21.68	228	1355335	46.214	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	391915	34.072	ng		99
83) Chrysene	21.75	228	1311045	46.066	ng		99
84) Bis(2-ethylhexyl)phthalate	21.59	149	711313	46.879	ng		98
85) Di-n-octyl phthalate	22.80	149	1209771	48.758	ng		97
86) Indeno(1,2,3-cd)pyrene	28.59	276	1732490	48.898	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	1447210	46.551	ng		98
89) Benzo(k)fluoranthene	23.97	252	1427997	46.430	ng		99
90) Benzo(a)pyrene	24.77	252	1439104	49.064	ng		99
91) Dibenzo(a,h)anthracene	28.66	278	1451286	48.253	ng		98
92) Benzo(g,h,i)perylene	29.74	276	1419604	48.713	ng		97

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

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