Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101519\
Data File : BG043237.D
Acq On : 16 Oct 2019 4:56
Operator : JU
Sample : K5148-08MS
Misc :
ALS Vial : 23 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-03-101119MS

Manual Integrations APPROVED
mohammad
10/17/2019 7:57:37 AM

Quant Time: Oct 16 08:23:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 09 01:11:45 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	56822	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	213865	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	146766	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	319452	20.00	ng		0.00
76) Chrysene-d12	21.70	240	340487	20.00	ng		0.00
87) Perylene-d12	24.93	264	407556	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	432341	135.79	ng		0.00
7) Phenol-d6	7.23	99	611421	133.35	ng		0.00
23) Nitrobenzene-d5	9.22	82	377123	85.71	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	366407	145.18	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	989426	97.73	ng		0.00
79) Terphenyl-d14	20.03	244	1676747	104.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	44639	33.627	ng	#	58
3) Pyridine	3.95	79	90060	24.121	ng		86
4) n-Nitrosodimethylamine	3.85	42	69667	38.801	ng	#	78
6) Aniline	7.38	93	57801	10.443	ng		98
8) 2-Chlorophenol	7.62	128	167434	50.425	ng		94
9) Benzaldehyde	7.20	77	31039	11.078	ng		85
10) Phenol	7.26	94	197516	46.953	ng		94
11) bis(2-Chloroethyl)ether	7.47	93	145482	44.697	ng		94
12) 1,3-Dichlorobenzene	7.94	146	180212	42.544	ng		98
13) 1,4-Dichlorobenzene	8.09	146	190948	45.220	ng		98
14) 1,2-Dichlorobenzene	8.41	146	178841	44.486	ng		94
15) Benzyl Alcohol	8.29	79	147410	42.762	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	201963	32.310	ng		91
17) 2-Methylphenol	8.51	107	141187	47.966	ng		95
18) Hexachloroethane	9.14	117	65470	41.168	ng		91
19) n-Nitroso-di-n-propylamine	8.86	70	125197	41.584	ng		91
20) 3+4-Methylphenols	8.84	107	194140	48.129	ng		96
22) Acetophenone	8.88	105	246242	44.668	ng	#	95
24) Nitrobenzene	9.26	77	191416	45.608	ng		96
25) Isophorone	9.78	82	349768	45.255	ng		98
26) 2-Nitrophenol	9.97	139	97447	54.542	ng		95
27) 2,4-Dimethylphenol	10.03	122	155133	56.540	ng		96
28) bis(2-Chloroethoxy)methane	10.26	93	195706	44.630	ng		98
29) 2,4-Dichlorophenol	10.52	162	180962	53.030	ng		94
30) 1,2,4-Trichlorobenzene	10.72	180	199627	45.300	ng		96
31) Naphthalene	10.91	128	524398	49.811	ng		99
32) Benzoic acid	10.20	122	86464	41.682	ng		96
33) 4-Chloroaniline	11.04	127	23489	5.142	ng	#	89
34) Hexachlorobutadiene	11.20	225	144175	43.695	ng		97
35) Caprolactam	11.80	113	52525m	43.647	ng		
36) 4-Chloro-3-methylphenol	12.15	107	195584	52.714	ng		98
37) 2-Methylnaphthalene	12.51	142	396602	49.382	ng		95
38) 1-Methylnaphthalene	12.73	142	375133	49.363	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	263522	47.754	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	156928	44.632	ng		94
43) 2,4,6-Trichlorophenol	13.12	196	170933	52.922	ng		98
44) 2,4,5-Trichlorophenol	13.20	196	176847	53.151	ng		97
46) 1,1'-Biphenyl	13.51	154	535768	48.138	ng		98
47) 2-Chloronaphthalene	13.56	162	420462	50.387	ng		99
48) 2-Nitroaniline	13.76	65	123496	44.503	ng		89
49) Acenaphthylene	14.41	152	661591	51.814	ng		98
50) Dimethylphthalate	14.13	163	522473	47.512	ng		99
51) 2,6-Dinitrotoluene	14.25	165	122717	52.403	ng		90
52) Acenaphthene	14.75	154	397080	46.460	ng		95
53) 3-Nitroaniline	14.59	138	51138	21.130	ng	#	92
54) 2,4-Dinitrophenol	14.79	184	51602	35.450	ng		91
55) Dibenzofuran	15.08	168	647245	51.194	ng		99
56) 4-Nitrophenol	14.91	139	181920	98.655	ng		94
57) 2,4-Dinitrotoluene	15.04	165	169538	49.437	ng		89
58) Fluorene	15.73	166	536855	49.737	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.31	232	177018m	49.967	ng		
60) Diethylphthalate	15.49	149	518326	46.315	ng		99
61) 4-Chlorophenyl-phenylether	15.72	204	313170	48.377	ng		97
62) 4-Nitroaniline	15.75	138	103399	39.174	ng		96
63) Azobenzene	16.01	77	448438	44.012	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	45083	24.940	ng		95
66) n-Nitrosodiphenylamine	15.93	169	471550	55.917	ng		98
67) 4-Bromophenyl-phenylether	16.61	248	219748	54.808	ng		98
68) Hexachlorobenzene	16.74	284	238393	53.401	ng		97
69) Atrazine	16.88	200	147873	41.641	ng		97
70) Pentachlorophenol	17.08	266	277723	107.813	ng		99
71) Phenanthrene	17.47	178	823412	52.797	ng		98
72) Anthracene	17.56	178	857075	55.048	ng		100
73) Carbazole	17.83	167	760884	52.700	ng		98
74) Di-n-butylphthalate	18.38	149	883017	51.260	ng		99
75) Fluoranthene	19.48	202	1055544	51.170	ng		98
77) Benzidine	19.67	184	79319	9.304	ng	#	95
78) Pyrene	19.83	202	1070991	52.700	ng		99
80) Butylbenzylphthalate	20.72	149	398738	51.691	ng		98
81) Benzo(a)anthracene	21.68	228	1082870	51.042	ng		98
82) 3,3'-Dichlorobenzidine	21.60	252	272735	32.777	ng		97
83) Chrysene	21.75	228	1060432	51.507	ng		99
84) Bis(2-ethylhexyl)phthalate	21.58	149	581933	53.017	ng		98
85) Di-n-octyl phthalate	22.79	149	991159	55.222	ng		95
86) Indeno(1,2,3-cd)pyrene	28.61	276	1334472	52.066	ng	#	96
88) Benzo(b)fluoranthene	23.91	252	1147420	49.757	ng		100
89) Benzo(k)fluoranthene	23.97	252	1191241	52.217	ng		99
90) Benzo(a)pyrene	24.78	252	1146712	52.706	ng		100
91) Dibenzo(a,h)anthracene	28.67	278	1139242	51.065	ng		98
92) Benzo(g,h,i)perylene	29.75	276	1006742	46.573	ng		98

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

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