Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG101619\
Data File : BG043246.D
Acq On : 16 Oct 2019 15:43
Operator : JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
10/18/2019 8:25:56 AM

Quant Time: Oct 16 18:37:06 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	56798	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	209606	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	148282	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	349623	20.00	ng		0.00
76) Chrysene-d12	21.70	240	392151	20.00	ng		0.01
87) Perylene-d12	24.93	264	459269	20.00	ng		0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	292985	92.06	ng		0.00
7) Phenol-d6	7.22	99	394490	86.07	ng		0.00
23) Nitrobenzene-d5	9.22	82	378457	87.76	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	258108	101.23	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	968329	94.67	ng		0.00
79) Terphenyl-d14	20.03	244	1787548	97.13	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	58055	43.751	ng	#	86
3) Pyridine	3.92	79	155138	41.568	ng		91
4) n-Nitrosodimethylamine	3.84	42	76088	42.395	ng	#	85
6) Aniline	7.38	93	231469	41.838	ng		97
8) 2-Chlorophenol	7.62	128	151320	45.591	ng		95
9) Benzaldehyde	7.19	77	107103	38.242	ng		88
10) Phenol	7.25	94	181229	43.099	ng		96
11) bis(2-Chloroethyl)ether	7.47	93	132163	40.622	ng		93
12) 1,3-Dichlorobenzene	7.94	146	194268	45.882	ng		97
13) 1,4-Dichlorobenzene	8.09	146	191695	45.416	ng		99
14) 1,2-Dichlorobenzene	8.40	146	182749	45.477	ng		93
15) Benzyl Alcohol	8.29	79	138534	40.204	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	195525	31.293	ng		94
17) 2-Methylphenol	8.50	107	125760	42.743	ng		92
18) Hexachloroethane	9.13	117	69198	43.531	ng		94
19) n-Nitroso-di-n-propylamine	8.86	70	120339	39.987	ng		93
20) 3+4-Methylphenols	8.83	107	172273	42.726	ng		98
22) Acetophenone	8.87	105	264386	48.933	ng		94
24) Nitrobenzene	9.26	77	180939	43.988	ng		96
25) Isophorone	9.78	82	337076	44.499	ng		99
26) 2-Nitrophenol	9.97	139	87675	50.069	ng		96
27) 2,4-Dimethylphenol	10.03	122	122059	45.389	ng		99
28) bis(2-Chloroethoxy)methane	10.26	93	183286	42.647	ng		97
29) 2,4-Dichlorophenol	10.51	162	159942	47.823	ng		95
30) 1,2,4-Trichlorobenzene	10.72	180	199875	46.278	ng		96
31) Naphthalene	10.91	128	476947	46.224	ng		99
32) Benzoic acid	10.21	122	92068	44.650	ng		97
33) 4-Chloroaniline	11.02	127	206195	46.053	ng		97
34) Hexachlorobutadiene	11.20	225	149066	46.095	ng		97
35) Caprolactam	11.79	113	54006	45.790	ng	#	75
36) 4-Chloro-3-methylphenol	12.14	107	169013	46.478	ng		94
37) 2-Methylnaphthalene	12.51	142	361642	45.944	ng		97
38) 1-Methylnaphthalene	12.72	142	341389	45.835	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	272461	48.869	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	166262	46.804	ng		96
43) 2,4,6-Trichlorophenol	13.12	196	155755	47.730	ng		100
44) 2,4,5-Trichlorophenol	13.19	196	159575	47.469	ng		99
46) 1,1'-Biphenyl	13.51	154	541175	48.126	ng		97
47) 2-Chloronaphthalene	13.56	162	395471	46.908	ng		98
48) 2-Nitroaniline	13.76	65	124580	44.435	ng		91
49) Acenaphthylene	14.40	152	608760	47.189	ng		99
50) Dimethylphthalate	14.13	163	513646	46.232	ng		97
51) 2,6-Dinitrotoluene	14.25	165	113486	47.965	ng		95
52) Acenaphthene	14.74	154	378412	43.824	ng		99
53) 3-Nitroaniline	14.59	138	114463	46.812	ng	#	94
54) 2,4-Dinitrophenol	14.79	184	75026	51.015	ng		94
55) Dibenzofuran	15.08	168	597205	46.754	ng		97
56) 4-Nitrophenol	14.90	139	79308	42.569	ng		98
57) 2,4-Dinitrotoluene	15.04	165	165529	47.775	ng		95
58) Fluorene	15.73	166	503988	46.214	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.31	232	165177m	46.148	ng		
60) Diethylphthalate	15.49	149	516624	45.691	ng		98
61) 4-Chlorophenyl-phenylether	15.71	204	294246	44.989	ng		97
62) 4-Nitroaniline	15.75	138	128057	48.020	ng		99
63) Azobenzene	16.01	77	424193	41.207	ng		97
65) 4,6-Dinitro-2-methylphenol	15.80	198	100445	50.771	ng		94
66) n-Nitrosodiphenylamine	15.93	169	444181	48.126	ng		97
67) 4-Bromophenyl-phenylether	16.61	248	211913	48.293	ng		96
68) Hexachlorobenzene	16.74	284	245050	50.155	ng		96
69) Atrazine	16.88	200	156848	40.357	ng		96
70) Pentachlorophenol	17.08	266	126551	44.888	ng		99
71) Phenanthrene	17.46	178	800256	46.884	ng		98
72) Anthracene	17.56	178	810726	47.578	ng		99
73) Carbazole	17.83	167	753264	47.670	ng		98
74) Di-n-butylphthalate	18.38	149	876060	46.468	ng		100
75) Fluoranthene	19.47	202	1061747	47.029	ng		98
77) Benzidine	19.66	184	448115	45.637	ng		99
78) Pyrene	19.84	202	1066460	45.564	ng		99
80) Butylbenzylphthalate	20.72	149	413689	46.564	ng		94
81) Benzo(a)anthracene	21.68	228	1109852	45.421	ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	458795	47.873	ng		97
83) Chrysene	21.75	228	1078394	45.479	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	576166	45.576	ng		99
85) Di-n-octyl phthalate	22.79	149	984516	47.625	ng		96
86) Indeno(1,2,3-cd)pyrene	28.62	276	1451472	49.170	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	1202241	46.264	ng		98
89) Benzo(k)fluoranthene	23.97	252	1168444	45.451	ng		99
90) Benzo(a)pyrene	24.78	252	1146013	46.743	ng		99
91) Dibenzo(a,h)anthracene	28.68	278	1194566	47.515	ng		99
92) Benzo(g,h,i)perylene	29.77	276	1171025	48.073	ng		96

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

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