Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062119\
Data File : BG041376.D
Acq On : 21 Jun 2019 13:25
Operator : HP/JU
Sample : PB120652BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB120652BS

Manual Integrations APPROVED
mohammad
6/25/2019 3:20:19 PM

Quant Time: Jun 21 16:12:56 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 14:58:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	30299	20.00	ng		-0.01
21) Naphthalene-d8	10.89	136	112104	20.00	ng		-0.02
39) Acenaphthene-d10	14.71	164	80098	20.00	ng		-0.01
64) Phenanthrene-d10	17.45	188	202792	20.00	ng		-0.01
76) Chrysene-d12	21.73	240	217681	20.00	ng		-0.01
87) Perylene-d12	25.04	264	205093	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	246724	149.62	ng		-0.01
7) Phenol-d6	7.23	99	353241	147.78	ng		0.00
23) Nitrobenzene-d5	9.25	82	244475	91.72	ng		-0.01
42) 2,4,6-Tribromophenol	16.20	330	177274	144.16	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	545261	92.52	ng		-0.01
79) Terphenyl-d14	20.05	244	1071541	97.55	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	25537	30.884	ng		95
3) Pyridine	3.87	79	70279	32.038	ng		94
4) n-Nitrosodimethylamine	3.79	42	47250	40.391	ng	#	93
6) Aniline	7.39	93	72379	21.785	ng		98
8) 2-Chlorophenol	7.63	128	87278	45.045	ng		98
9) Benzaldehyde	7.21	77	29465	19.273	ng		84
10) Phenol	7.25	94	116037	45.144	ng		98
11) bis(2-Chloroethyl)ether	7.49	93	77223	39.596	ng		96
12) 1,3-Dichlorobenzene	7.95	146	97013	39.988	ng		94
13) 1,4-Dichlorobenzene	8.11	146	101549	40.977	ng		98
14) 1,2-Dichlorobenzene	8.42	146	94308	39.843	ng		95
15) Benzyl Alcohol	8.32	79	83487	36.455	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.59	45	120192	37.647	ng		99
17) 2-Methylphenol	8.52	107	78958	42.968	ng		95
18) Hexachloroethane	9.15	117	39442	40.163	ng		97
19) n-Nitroso-di-n-propylamine	8.88	70	75541	39.075	ng		99
20) 3+4-Methylphenols	8.85	107	108967	44.544	ng		95
22) Acetophenone	8.90	105	139161	42.658	ng	#	96
24) Nitrobenzene	9.29	77	117619	43.874	ng		95
25) Isophorone	9.81	82	208866	42.710	ng		96
26) 2-Nitrophenol	10.00	139	52165	47.996	ng		96
27) 2,4-Dimethylphenol	10.05	122	88469	54.303	ng		97
28) bis(2-Chloroethoxy)methane	10.29	93	111204	43.642	ng		96
29) 2,4-Dichlorophenol	10.54	162	98887	48.953	ng		93
30) 1,2,4-Trichlorobenzene	10.75	180	111902	43.254	ng		96
31) Naphthalene	10.94	128	272816	44.778	ng		98
32) Benzoic acid	10.21	122	49684	46.848	ng		92
33) 4-Chloroaniline	11.07	127	32097	12.404	ng	#	93
34) Hexachlorobutadiene	11.20	225	83088	40.460	ng		97
35) Caprolactam	11.86	113	30027m	43.178	ng		
36) 4-Chloro-3-methylphenol	12.18	107	108531	46.514	ng		99
37) 2-Methylnaphthalene	12.54	142	199275	44.408	ng		97
38) 1-Methylnaphthalene	12.76	142	191687	44.647	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	146006	44.144	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.86	237	181123	81.298	ng		98
43) 2,4,6-Trichlorophenol	13.15	196	94319	46.098	ng		99
44) 2,4,5-Trichlorophenol	13.22	196	95488	45.357	ng		96
46) 1,1'-Biphenyl	13.54	154	272055	44.928	ng		99
47) 2-Chloronaphthalene	13.59	162	227953	43.725	ng		99
48) 2-Nitroaniline	13.80	65	78849	41.297	ng		93
49) Acenaphthylene	14.43	152	348037	43.994	ng		99
50) Dimethylphthalate	14.16	163	295149	41.414	ng		100
51) 2,6-Dinitrotoluene	14.29	165	66417	44.198	ng		93
52) Acenaphthene	14.77	154	199434	42.931	ng		99
53) 3-Nitroaniline	14.63	138	33012	22.297	ng		89
54) 2,4-Dinitrophenol	14.84	184	95761	88.103	ng		88
55) Dibenzofuran	15.11	168	354009	43.830	ng		96
56) 4-Nitrophenol	14.94	139	99915	88.479	ng		96
57) 2,4-Dinitrotoluene	15.08	165	93427	42.531	ng	#	96
58) Fluorene	15.76	166	277940	43.745	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.33	232	102884	47.258	ng		98
60) Diethylphthalate	15.51	149	303751	41.932	ng		98
61) 4-Chlorophenyl-phenylether	15.74	204	174701	42.261	ng		97
62) 4-Nitroaniline	15.80	138	60378	38.130	ng		92
63) Azobenzene	16.03	77	271626	42.032	ng		97
65) 4,6-Dinitro-2-methylphenol	15.84	198	63146	47.973	ng		95
66) n-Nitrosodiphenylamine	15.96	169	252036	46.807	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	113656	43.344	ng		98
68) Hexachlorobenzene	16.75	284	119867	42.689	ng		98
69) Atrazine	16.90	200	113501	Below Cal			96
70) Pentachlorophenol	17.10	266	144353	100.398	ng		99
71) Phenanthrene	17.50	178	498564	46.096	ng		98
72) Anthracene	17.59	178	503838	47.252	ng		100
73) Carbazole	17.86	167	452394	48.501	ng		99
74) Di-n-butylphthalate	18.39	149	547000	46.999	ng		99
75) Fluoranthene	19.50	202	683009	47.534	ng		98
77) Benzidine	19.69	184	134050	25.460	ng		100
78) Pyrene	19.87	202	685951	46.725	ng		100
80) Butylbenzylphthalate	20.73	149	258352	46.526	ng		95
81) Benzo(a)anthracene	21.71	228	645562	43.800	ng		98
82) 3,3'-Dichlorobenzidine	21.62	252	141304	27.311	ng		99
83) Chrysene	21.78	228	646131	45.585	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	347382	45.905	ng		100
85) Di-n-octyl phthalate	22.81	149	595128	46.484	ng		99
86) Indeno(1,2,3-cd)pyrene	28.85	276	768091	45.674	ng		99
88) Benzo(b)fluoranthene	23.98	252	655277	51.555	ng		99
89) Benzo(k)fluoranthene	24.05	252	650927	51.696	ng		100
90) Benzo(a)pyrene	24.89	252	635575	52.948	ng		100
91) Dibenzo(a,h)anthracene	28.92	278	640513	53.001	ng		98
92) Benzo(g,h,i)perylene	30.06	276	635304	53.195	ng		98

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

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