Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG083019\
Data File : BG042597.D
Acq On : 30 Aug 2019 12:52
Operator : HP/JU
Sample : PB122665BS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB122665BS

Manual Integrations APPROVED
mohammad
8/31/2019 2:42:41 PM

Quant Time: Aug 30 16:32:21 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	32375	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	129385	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	95566	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	219474	20.00	ng	0.00
76) Chrysene-d12	21.69	240	250562	20.00	ng	0.00
87) Perylene-d12	24.92	264	271517	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	185654	116.14	ng	0.00
7) Phenol-d6	7.16	99	227077	105.16	ng	0.00
23) Nitrobenzene-d5	9.17	82	120077	64.13	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	148422	109.27	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	389534	68.94	ng	0.00
79) Terphenyl-d14	20.02	244	788141	68.00	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.41	88	23197	34.773	ng	93
3) Pyridine	3.82	79	50971	29.797	ng	98
4) n-Nitrosodimethylamine	3.73	42	25036	40.978	ng	88
6) Aniline	7.32	93	80761	28.042	ng	99
8) 2-Chlorophenol	7.56	128	82369	42.517	ng	99
9) Benzaldehyde	7.13	77	47148	43.614	ng	96
10) Phenol	7.19	94	89216	40.637	ng	94
11) bis(2-Chloroethyl)ether	7.41	93	64413	37.358	ng	98
12) 1,3-Dichlorobenzene	7.89	146	94798	38.465	ng	98
13) 1,4-Dichlorobenzene	8.03	146	97900	39.217	ng	99
14) 1,2-Dichlorobenzene	8.36	146	93825	39.247	ng	97
15) Benzyl Alcohol	8.24	79	60640	39.035	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	79323	33.943	ng	97
17) 2-Methylphenol	8.45	107	65098	40.257	ng	95
18) Hexachloroethane	9.08	117	31779	37.185	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	48940	34.985	ng	94
20) 3+4-Methylphenols	8.78	107	85607	38.259	ng	98
22) Acetophenone	8.82	105	113182	40.899	ng	98
24) Nitrobenzene	9.21	77	73997	39.028	ng	97
25) Isophorone	9.73	82	135615	36.702	ng	99
26) 2-Nitrophenol	9.92	139	49048	41.281	ng	97
27) 2,4-Dimethylphenol	9.99	122	74334	45.417	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	85346	36.646	ng	99
29) 2,4-Dichlorophenol	10.47	162	92037	42.981	ng	99
30) 1,2,4-Trichlorobenzene	10.68	180	108208	41.169	ng	96
31) Naphthalene	10.87	128	241816	40.256	ng	100
32) Benzoic acid	10.14	122	31274	30.017	ng	95
33) 4-Chloroaniline	10.98	127	64862	23.390	ng	97
34) Hexachlorobutadiene	11.16	225	71602	40.535	ng	98
35) Caprolactam	11.75	113	25058m	35.069	ng	
36) 4-Chloro-3-methylphenol	12.11	107	81382	40.035	ng	98
37) 2-Methylnaphthalene	12.48	142	192998	40.013	ng	100
38) 1-Methylnaphthalene	12.70	142	181368	39.587	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	135707	44.219	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	114353	70.935	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	83690	40.344	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	88638	41.233	ng		99
46) 1,1'-Biphenyl	13.48	154	253526	41.040	ng		98
47) 2-Chloronaphthalene	13.53	162	210998	39.612	ng		99
48) 2-Nitroaniline	13.73	65	45733	35.604	ng		96
49) Acenaphthylene	14.38	152	328744	41.023	ng		100
50) Dimethylphthalate	14.11	163	261417	37.912	ng		99
51) 2,6-Dinitrotoluene	14.23	165	62280	38.966	ng		100
52) Acenaphthene	14.72	154	191164	39.285	ng		98
53) 3-Nitroaniline	14.56	138	44453	27.810	ng		94
54) 2,4-Dinitrophenol	14.78	184	62911	60.082	ng		97
55) Dibenzofuran	15.05	168	329531	40.912	ng		99
56) 4-Nitrophenol	14.88	139	87006	76.601	ng		95
57) 2,4-Dinitrotoluene	15.02	165	89290	39.013	ng	#	99
58) Fluorene	15.71	166	265258	40.287	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	91057m	42.833	ng		
60) Diethylphthalate	15.47	149	254407	37.742	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	158264	39.874	ng		99
62) 4-Nitroaniline	15.73	138	62150	36.329	ng		95
63) Azobenzene	15.99	77	169531	36.704	ng		96
65) 4,6-Dinitro-2-methylphenol	15.79	198	56164	40.817	ng		99
66) n-Nitrosodiphenylamine	15.91	169	242442	40.168	ng		99
67) 4-Bromophenyl-phenylether	16.59	248	109957	39.498	ng		98
68) Hexachlorobenzene	16.72	284	118260	39.077	ng		100
69) Atrazine	16.86	200	93108	43.622	ng		98
70) Pentachlorophenol	17.07	266	131284	83.492	ng		98
71) Phenanthrene	17.45	178	458574	42.065	ng		99
72) Anthracene	17.54	178	467058	42.916	ng		99
73) Carbazole	17.82	167	411436	42.418	ng		99
74) Di-n-butylphthalate	18.37	149	464566	40.518	ng		99
75) Fluoranthene	19.47	202	612139	46.009	ng		97
77) Benzidine	19.64	184	239677	33.364	ng		98
78) Pyrene	19.82	202	621461	40.455	ng		98
80) Butylbenzylphthalate	20.71	149	222275	36.787	ng		98
81) Benzo(a)anthracene	21.67	228	615846	40.404	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	218356	35.620	ng		98
83) Chrysene	21.73	228	602482	40.986	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	323997	38.621	ng		98
85) Di-n-octyl phthalate	22.79	149	564596	39.130	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	788834	39.488	ng	#	97
88) Benzo(b)fluoranthene	23.90	252	679013m	45.489	ng		
89) Benzo(k)fluoranthene	23.97	252	672398	46.863	ng		99
90) Benzo(a)pyrene	24.78	252	667968	47.158	ng		99
91) Dibenzo(a,h)anthracene	28.69	278	654809	45.658	ng		99
92) Benzo(g,h,i)perylene	29.79	276	658512	45.909	ng		99

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

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