Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082919\
Data File : BG042560.D
Acq On : 29 Aug 2019 11:44
Operator : HP/JU
Sample : PB122569BS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122569BS

Manual Integrations APPROVED
Jagrut
8/30/2019 7:57:31 PM

Quant Time: Aug 29 12:42:54 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	7.99	152	34630	20.00	ng		-0.01
21) Naphthalene-d8	10.82	136	137126	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	97903	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	225420	20.00	ng		-0.01
76) Chrysene-d12	21.68	240	263832	20.00	ng		-0.01
87) Perylene-d12	24.92	264	300034	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	196681	115.03	ng		0.00
7) Phenol-d6	7.16	99	243132	105.27	ng		-0.01
23) Nitrobenzene-d5	9.16	82	127748	64.38	ng		-0.01
42) 2,4,6-Tribromophenol	16.15	330	149268	107.27	ng		-0.01
45) 2-Fluorobiphenyl	13.28	172	408710	70.61	ng		0.00
79) Terphenyl-d14	20.02	244	803297	65.82	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	25336	35.506	ng		95
3) Pyridine	3.82	79	55507	30.336	ng		98
4) n-Nitrosodimethylamine	3.73	42	27900	42.692	ng		97
6) Aniline	7.31	93	87879	28.527	ng		99
8) 2-Chlorophenol	7.57	128	87953	42.443	ng		97
9) Benzaldehyde	7.13	77	50141	43.363	ng		94
10) Phenol	7.19	94	96227	40.977	ng		93
11) bis(2-Chloroethyl)ether	7.41	93	70275	38.104	ng		95
12) 1,3-Dichlorobenzene	7.89	146	101399	38.465	ng		99
13) 1,4-Dichlorobenzene	8.03	146	105098	39.359	ng		99
14) 1,2-Dichlorobenzene	8.35	146	99913	39.072	ng		99
15) Benzyl Alcohol	8.24	79	64735	38.958	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.52	45	88081	35.236	ng		99
17) 2-Methylphenol	8.45	107	69101	39.950	ng		95
18) Hexachloroethane	9.09	117	34334	37.559	ng		97
19) n-Nitroso-di-n-propylamine	8.81	70	53162	35.528	ng		96
20) 3+4-Methylphenols	8.78	107	92456	38.629	ng		98
22) Acetophenone	8.82	105	119526	40.754	ng	#	99
24) Nitrobenzene	9.21	77	79189	39.409	ng		99
25) Isophorone	9.73	82	145481	37.149	ng		99
26) 2-Nitrophenol	9.93	139	52207	41.459	ng		97
27) 2,4-Dimethylphenol	9.99	122	79901	46.063	ng		99
28) bis(2-Chloroethoxy)methane	10.22	93	93871	38.031	ng		99
29) 2,4-Dichlorophenol	10.47	162	96420	42.486	ng		97
30) 1,2,4-Trichlorobenzene	10.68	180	113736	40.829	ng		94
31) Naphthalene	10.87	128	255720	40.167	ng		99
32) Benzoic acid	10.13	122	34346	30.809	ng		99
33) 4-Chloroaniline	10.98	127	68278	23.232	ng		98
34) Hexachlorobutadiene	11.16	225	75784	40.480	ng		99
35) Caprolactam	11.75	113	26049m	34.398	ng		
36) 4-Chloro-3-methylphenol	12.11	107	86114	39.971	ng		98
37) 2-Methylnaphthalene	12.48	142	203628	39.834	ng		98
38) 1-Methylnaphthalene	12.70	142	190876	39.310	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	137496	43.733	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	152425	92.294	ng		98
43) 2,4,6-Trichlorophenol	13.09	196	86336	40.626	ng		96
44) 2,4,5-Trichlorophenol	13.17	196	91262	41.440	ng		99
46) 1,1'-Biphenyl	13.49	154	269431	42.574	ng		98
47) 2-Chloronaphthalene	13.53	162	220467	40.402	ng		97
48) 2-Nitroaniline	13.74	65	47796	36.322	ng		97
49) Acenaphthylene	14.38	152	341329	41.577	ng		98
50) Dimethylphthalate	14.11	163	275354	38.980	ng		99
51) 2,6-Dinitrotoluene	14.23	165	66156	40.403	ng		95
52) Acenaphthene	14.72	154	197657	39.650	ng		98
53) 3-Nitroaniline	14.56	138	43346	26.470	ng		96
54) 2,4-Dinitrophenol	14.78	184	73285	67.461	ng		96
55) Dibenzofuran	15.06	168	341276	41.358	ng		100
56) 4-Nitrophenol	14.88	139	92060	79.116	ng		96
57) 2,4-Dinitrotoluene	15.02	165	93272	39.780	ng		97
58) Fluorene	15.71	166	275661	40.867	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	94188m	43.248	ng		
60) Diethylphthalate	15.47	149	265964	38.515	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	165678	40.746	ng		97
62) 4-Nitroaniline	15.73	138	66071	37.699	ng		98
63) Azobenzene	15.99	77	181455	38.348	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	59383	42.018	ng		98
66) n-Nitrosodiphenylamine	15.91	169	253844	40.948	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	113763	39.787	ng		99
68) Hexachlorobenzene	16.72	284	119932	38.585	ng		99
69) Atrazine	16.86	200	95258	43.452	ng		98
70) Pentachlorophenol	17.07	266	131376	81.347	ng		98
71) Phenanthrene	17.45	178	466690	41.680	ng		98
72) Anthracene	17.54	178	478362	42.795	ng		98
73) Carbazole	17.81	167	420352	42.194	ng		100
74) Di-n-butylphthalate	18.37	149	486585	41.319	ng		99
75) Fluoranthene	19.46	202	630285	46.124	ng		97
77) Benzidine	19.64	184	289096	38.219	ng		98
78) Pyrene	19.83	202	639899	39.560	ng		98
80) Butylbenzylphthalate	20.70	149	240180	37.751	ng		99
81) Benzo(a)anthracene	21.67	228	652262	40.641	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	195855	30.343	ng		98
83) Chrysene	21.73	228	628030	40.575	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	344069	38.951	ng		99
85) Di-n-octyl phthalate	22.78	149	599437	39.455	ng		99
86) Indeno(1,2,3-cd)pyrene	28.64	276	828234	39.375	ng	#	97
88) Benzo(b)fluoranthene	23.89	252	716007	43.408	ng		99
89) Benzo(k)fluoranthene	23.96	252	707080	44.597	ng		97
90) Benzo(a)pyrene	24.78	252	708837	45.287	ng		98
91) Dibenzo(a,h)anthracene	28.69	278	687318	43.370	ng		98
92) Benzo(g,h,i)perylene	29.79	276	694231	43.799	ng		97

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

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