Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
Data File : BG042432.D
Acq On : 23 Aug 2019 13:38
Operator : HP/JU
Sample : PB122359BS
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB122359BS

Manual Integrations APPROVED
Jagrut
8/26/2019 2:01:48 PM

Quant Time: Aug 23 17:54:03 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	102023	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	430456	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	282664	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	586403	20.00	ng		0.00
76) Chrysene-d12	21.69	240	563861	20.00	ng		0.00
87) Perylene-d12	24.93	264	638681	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	658690	130.76	ng		0.00
7) Phenol-d6	7.17	99	814132	119.65	ng		0.00
23) Nitrobenzene-d5	9.17	82	409661	65.77	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	341179	84.92	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1091814	65.33	ng		0.00
79) Terphenyl-d14	20.03	244	1634570	62.67	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	86383	41.091	ng		99
3) Pyridine	3.82	79	205621	38.145	ng		95
4) n-Nitrosodimethylamine	3.73	42	80234	41.673	ng	#	75
6) Aniline	7.32	93	321393	35.413	ng		99
8) 2-Chlorophenol	7.57	128	283171	46.383	ng		97
9) Benzaldehyde	7.13	77	187289	54.978	ng		96
10) Phenol	7.19	94	332054	47.996	ng		95
11) bis(2-Chloroethyl)ether	7.42	93	252189	46.414	ng		98
12) 1,3-Dichlorobenzene	7.89	146	308239	39.689	ng		99
13) 1,4-Dichlorobenzene	8.04	146	314683	40.002	ng		97
14) 1,2-Dichlorobenzene	8.36	146	297819	39.532	ng		100
15) Benzyl Alcohol	8.25	79	201474	41.156	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.53	45	320000	43.452	ng		99
17) 2-Methylphenol	8.46	107	234681	46.054	ng		93
18) Hexachloroethane	9.09	117	106330	39.482	ng		92
19) n-Nitroso-di-n-propylamine	8.81	70	183371	41.597	ng		98
20) 3+4-Methylphenols	8.79	107	317988	45.097	ng		96
22) Acetophenone	8.83	105	382519	41.548	ng		99
24) Nitrobenzene	9.21	77	261472	41.452	ng		98
25) Isophorone	9.74	82	499610	40.641	ng		97
26) 2-Nitrophenol	9.93	139	166587	42.143	ng		95
27) 2,4-Dimethylphenol	10.00	122	260831	47.901	ng		95
28) bis(2-Chloroethoxy)methane	10.22	93	330933	42.711	ng		99
29) 2,4-Dichlorophenol	10.48	162	289390	40.621	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	311567	35.630	ng		98
31) Naphthalene	10.87	128	810514	40.556	ng		98
32) Benzoic acid	10.14	122	132698	36.033	ng		98
33) 4-Chloroaniline	10.98	127	209849	22.746	ng		99
34) Hexachlorobutadiene	11.17	225	185025	31.484	ng		99
35) Caprolactam	11.75	113	93412m	39.295	ng		
36) 4-Chloro-3-methylphenol	12.12	107	268384	39.685	ng		97
37) 2-Methylnaphthalene	12.49	142	627899	39.129	ng		99
38) 1-Methylnaphthalene	12.71	142	583520	38.282	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	339750	37.428	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	385208	80.786	ng		100
43) 2,4,6-Trichlorophenol	13.10	196	238104	38.806	ng		97
44) 2,4,5-Trichlorophenol	13.18	196	252870	39.770	ng		96
46) 1,1'-Biphenyl	13.49	154	787436	43.096	ng		97
47) 2-Chloronaphthalene	13.54	162	628195	39.873	ng		96
48) 2-Nitroaniline	13.74	65	156635	41.228	ng		98
49) Acenaphthylene	14.39	152	992750	41.883	ng		97
50) Dimethylphthalate	14.12	163	766155	37.565	ng		99
51) 2,6-Dinitrotoluene	14.23	165	190327	40.260	ng		97
52) Acenaphthene	14.73	154	582425	40.467	ng		99
53) 3-Nitroaniline	14.56	138	134303	28.406	ng		97
54) 2,4-Dinitrophenol	14.78	184	192285	61.878	ng		95
55) Dibenzofuran	15.06	168	942792	39.573	ng		98
56) 4-Nitrophenol	14.88	139	304882	90.751	ng		92
57) 2,4-Dinitrotoluene	15.03	165	261757	38.666	ng		98
58) Fluorene	15.71	166	753200	38.675	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	230067m	36.589	ng		
60) Diethylphthalate	15.48	149	741738	37.203	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	409228	34.858	ng		98
62) 4-Nitroaniline	15.73	138	201375	39.797	ng		91
63) Azobenzene	16.00	77	585956	42.891	ng		95
65) 4,6-Dinitro-2-methylphenol	15.80	198	155595	42.322	ng		94
66) n-Nitrosodiphenylamine	15.92	169	705031	43.719	ng		97
67) 4-Bromophenyl-phenylether	16.60	248	272641	36.654	ng		98
68) Hexachlorobenzene	16.72	284	279287	34.540	ng	#	93
69) Atrazine	16.86	200	243530	42.703	ng		98
70) Pentachlorophenol	17.07	266	333090	79.283	ng		98
71) Phenanthrene	17.46	178	1185795	40.710	ng		96
72) Anthracene	17.55	178	1218836	41.916	ng		97
73) Carbazole	17.82	167	1142180	44.073	ng		98
74) Di-n-butylphthalate	18.37	149	1294273	42.249	ng		98
75) Fluoranthene	19.47	202	1432602	40.300	ng		95
77) Benzidine	19.64	184	904067	55.924	ng		98
78) Pyrene	19.83	202	1430647	41.384	ng		95
80) Butylbenzylphthalate	20.71	149	615968	45.301	ng		97
81) Benzo(a)anthracene	21.67	228	1369867	39.937	ng		97
82) 3,3'-Dichlorobenzidine	21.58	252	397208	28.793	ng	#	98
83) Chrysene	21.74	228	1338383	40.459	ng		95
84) Bis(2-ethylhexyl)phthalate	21.58	149	864625	45.799	ng		98
85) Di-n-octyl phthalate	22.79	149	1485898	45.762	ng		99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1444699	32.137	ng	#	92
88) Benzo(b)fluoranthene	23.91	252	1450392	41.307	ng	#	96
89) Benzo(k)fluoranthene	23.97	252	1438524	42.622	ng	#	96
90) Benzo(a)pyrene	24.78	252	1442105	43.282	ng	#	95
91) Dibenzo(a,h)anthracene	28.70	278	1193905	35.390	ng		97
92) Benzo(g,h,i)perylene	29.81	276	1191118	35.302	ng	#	96

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

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