Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG031319\
Data File : BG039922.D
Acq On : 14 Mar 2019 4:01
Operator : JU/SJ
Sample : PB117835BS
Misc :
ALS Vial : 19 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
PB117835BS

Manual Integrations APPROVED
Sohil
3/14/2019 11:12:22 AM

Quant Time: Mar 14 04:55:13 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 14:38:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.15	152	40102	20.00	ng		-0.02
21) Naphthalene-d8	10.97	136	164636	20.00	ng		-0.02
39) Acenaphthene-d10	14.78	164	108561	20.00	ng		-0.02
64) Phenanthrene-d10	17.52	188	268156	20.00	ng		-0.02
76) Chrysene-d12	21.81	240	288077	20.00	ng		-0.02
87) Perylene-d12	25.17	264	297070	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.69	112	319503	135.92	ng		-0.02
7) Phenol-d6	7.30	99	440728	125.75	ng		-0.02
23) Nitrobenzene-d5	9.32	82	238727	78.42	ng		-0.02
42) 2,4,6-Tribromophenol	16.26	330	171649	135.65	ng		-0.02
45) 2-Fluorobiphenyl	13.39	172	574365	75.33	ng		-0.02
79) Terphenyl-d14	20.11	244	995559	76.09	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.58	88	40543	37.359	ng		97
3) Pyridine	3.98	79	101331	34.878	ng		98
4) n-Nitrosodimethylamine	3.90	42	52076	37.784	ng		91
6) Aniline	7.47	93	113435	24.703	ng		98
8) 2-Chlorophenol	7.71	128	112095	39.307	ng		98
9) Benzaldehyde	7.29	77	62733	27.747	ng		95
10) Phenol	7.32	94	148521	39.116	ng		97
11) bis(2-Chloroethyl)ether	7.56	93	106294	35.906	ng		97
12) 1,3-Dichlorobenzene	8.03	146	118849	36.849	ng		96
13) 1,4-Dichlorobenzene	8.18	146	120821	36.777	ng		97
14) 1,2-Dichlorobenzene	8.50	146	116071	36.568	ng		96
15) Benzyl Alcohol	8.38	79	105534	37.958	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.67	45	212626	35.912	ng		98
17) 2-Methylphenol	8.58	107	96134	39.707	ng		97
18) Hexachloroethane	9.23	117	43546	36.941	ng		97
19) n-Nitroso-di-n-propylamine	8.95	70	87049	34.505	ng		96
20) 3+4-Methylphenols	8.91	107	132244	39.318	ng		96
22) Acetophenone	8.98	105	164969	37.334	ng	#	95
24) Nitrobenzene	9.37	77	129897	40.676	ng		99
25) Isophorone	9.88	82	245876	38.549	ng		99
26) 2-Nitrophenol	10.08	139	64113	41.581	ng		93
27) 2,4-Dimethylphenol	10.12	122	113635	47.387	ng		94
28) bis(2-Chloroethoxy)methane	10.36	93	152450	39.331	ng		98
29) 2,4-Dichlorophenol	10.60	162	119751	44.354	ng		94
30) 1,2,4-Trichlorobenzene	10.82	180	121536	40.004	ng		99
31) Naphthalene	11.02	128	345356	39.620	ng		99
32) Benzoic acid	10.23	122	28297	21.422	ng		96
33) 4-Chloroaniline	11.13	127	77063	20.849	ng		98
34) Hexachlorobutadiene	11.28	225	83228	40.089	ng		92
35) Caprolactam	11.90	113	41898m	40.624	ng		
36) 4-Chloro-3-methylphenol	12.23	107	124843	40.338	ng		95
37) 2-Methylnaphthalene	12.61	142	258115	39.607	ng		96
38) 1-Methylnaphthalene	12.83	142	244194m	38.558	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.97	216	146122	39.731	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.94	237	206123	104.581	ng		98
43) 2,4,6-Trichlorophenol	13.21	196	97193	45.139	ng		100
44) 2,4,5-Trichlorophenol	13.28	196	103792	42.765	ng		97
46) 1,1'-Biphenyl	13.61	154	349852	39.182	ng		99
47) 2-Chloronaphthalene	13.66	162	267892	39.881	ng		98
48) 2-Nitroaniline	13.86	65	91591	42.429	ng		95
49) Acenaphthylene	14.50	152	425467	38.584	ng		99
50) Dimethylphthalate	14.22	163	356743	39.299	ng		100
51) 2,6-Dinitrotoluene	14.35	165	78897	40.997	ng		95
52) Acenaphthene	14.84	154	256261	38.612	ng		98
53) 3-Nitroaniline	14.69	138	50373	26.040	ng	#	87
54) 2,4-Dinitrophenol	14.89	184	24819	24.363	ng		98
55) Dibenzofuran	15.17	168	426852	39.200	ng		98
56) 4-Nitrophenol	14.98	139	137971	79.728	ng		91
57) 2,4-Dinitrotoluene	15.13	165	113023	41.797	ng		89
58) Fluorene	15.82	166	332505	38.843	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.39	232	108400	45.733	ng		93
60) Diethylphthalate	15.57	149	361237	40.198	ng		98
61) 4-Chlorophenyl-phenylether	15.80	204	176570	38.654	ng		99
62) 4-Nitroaniline	15.85	138	86527	41.259	ng		95
63) Azobenzene	16.10	77	320756	39.376	ng		97
65) 4,6-Dinitro-2-methylphenol	15.89	198	34537	21.783	ng		92
66) n-Nitrosodiphenylamine	16.02	169	310459	39.991	ng		99
67) 4-Bromophenyl-phenylether	16.70	248	116393	38.777	ng		95
68) Hexachlorobenzene	16.81	284	121973	39.203	ng		92
69) Atrazine	16.96	200	130519	42.719	ng		97
70) Pentachlorophenol	17.16	266	140903	71.708	ng		98
71) Phenanthrene	17.56	178	576288	39.017	ng		99
72) Anthracene	17.65	178	596344	41.431	ng		99
73) Carbazole	17.92	167	530062	40.850	ng		98
74) Di-n-butylphthalate	18.45	149	647071	42.383	ng		100
75) Fluoranthene	19.56	202	725301	41.550	ng		99
77) Benzidine	19.75	184	308647	33.763	ng		98
78) Pyrene	19.93	202	732435	39.127	ng		99
80) Butylbenzylphthalate	20.79	149	303140	41.799	ng		94
81) Benzo(a)anthracene	21.78	228	699037	38.718	ng		99
82) 3,3'-Dichlorobenzidine	21.70	252	148623	22.547	ng		100
83) Chrysene	21.85	228	672785	38.437	ng		98
84) Bis(2-ethylhexyl)phthalate	21.65	149	429166	42.111	ng		99
85) Di-n-octyl phthalate	22.90	149	733592	43.473	ng		95
86) Indeno(1,2,3-cd)pyrene	29.03	276	795662	40.070	ng		99
88) Benzo(b)fluoranthene	24.09	252	697080	39.350	ng		97
89) Benzo(k)fluoranthene	24.16	252	688041	41.725	ng		99
90) Benzo(a)pyrene	25.01	252	681113	41.609	ng		99
91) Dibenzo(a,h)anthracene	29.10	278	647610	40.355	ng		99
92) Benzo(g,h,i)perylene	30.25	276	658442	40.853	ng		96

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

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