Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021919\
Data File : BG039569.D
Acq On : 20 Feb 2019 00:20
Operator : JU/SJ
Sample : PB117221BS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Quant Time: Feb 20 01:33:16 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG012919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jan 29 15:41:51 2019
Response via : Initial Calibration

Instrument :
BNA_G
ClientSampleId :
PB117221BS

Manual Integrations APPROVED
Sohil
2/20/2019 10:24:36 AM

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	51054	20.00	ng		-0.02
21) Naphthalene-d8	10.99	136	225504	20.00	ng		-0.02
39) Acenaphthene-d10	14.80	164	152051	20.00	ng		-0.02
64) Phenanthrene-d10	17.54	188	372104	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	361637	20.00	ng		-0.02
87) Perylene-d12	25.20	264	358865	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	420740	141.05	ng		0.00
7) Phenol-d6	7.32	99	643051	146.45	ng		0.00
23) Nitrobenzene-d5	9.34	82	311691	86.35	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	274814	167.84	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	752672	71.01	ng		-0.02
79) Terphenyl-d14	20.12	244	1273658	74.55	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	52306	40.086	ng		93
3) Pyridine	4.01	79	156998	45.445	ng		97
4) n-Nitrosodimethylamine	3.93	42	76983	44.557	ng	#	96
6) Aniline	7.49	93	250470	45.541	ng		96
8) 2-Chlorophenol	7.73	128	143407	43.981	ng		99
9) Benzaldehyde	7.31	77	82931	37.022	ng		92
10) Phenol	7.35	94	201489	44.021	ng		97
11) bis(2-Chloroethyl)ether	7.59	93	148200	40.976	ng		96
12) 1,3-Dichlorobenzene	8.06	146	161942	40.997	ng		98
13) 1,4-Dichlorobenzene	8.20	146	166305	42.240	ng		98
14) 1,2-Dichlorobenzene	8.52	146	161101	42.268	ng		98
15) Benzyl Alcohol	8.41	79	149454	43.355	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.69	45	289616	35.459	ng		99
17) 2-Methylphenol	8.60	107	133729	45.148	ng		94
18) Hexachloroethane	9.26	117	57877	42.729	ng		98
19) n-Nitroso-di-n-propylamine	8.97	70	126700	40.655	ng		93
20) 3+4-Methylphenols	8.93	107	186897	45.821	ng		96
22) Acetophenone	9.00	105	241808	39.919	ng	#	96
24) Nitrobenzene	9.39	77	185065	47.457	ng		97
25) Isophorone	9.90	82	362811	45.357	ng		97
26) 2-Nitrophenol	10.10	139	94736	58.048	ng		97
27) 2,4-Dimethylphenol	10.14	122	157148	48.565	ng		99
28) bis(2-Chloroethoxy)methane	10.38	93	208160	42.249	ng		97
29) 2,4-Dichlorophenol	10.63	162	169010	47.790	ng		95
30) 1,2,4-Trichlorobenzene	10.85	180	171877	43.289	ng		99
31) Naphthalene	11.04	128	495413	44.284	ng		98
32) Benzoic acid	10.28	122	111172	51.627	ng		98
33) 4-Chloroaniline	11.15	127	233270	44.971	ng		96
34) Hexachlorobutadiene	11.30	225	108538	41.105	ng		95
35) Caprolactam	11.94	113	58435m	39.930	ng		
36) 4-Chloro-3-methylphenol	12.25	107	188485	46.084	ng		96
37) 2-Methylnaphthalene	12.63	142	382151	46.121	ng		97
38) 1-Methylnaphthalene	12.85	142	363028	45.452	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	207772	42.947	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	258912	98.214	ng		96
43) 2,4,6-Trichlorophenol	13.23	196	143290	48.172	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	155507	49.881	ng		98
46) 1,1'-Biphenyl	13.63	154	503489	39.798	ng		100
47) 2-Chloronaphthalene	13.68	162	394304	41.431	ng		98
48) 2-Nitroaniline	13.88	65	138848	50.306	ng		93
49) Acenaphthylene	14.52	152	631442	43.971	ng		99
50) Dimethylphthalate	14.24	163	521523	42.469	ng		100
51) 2,6-Dinitrotoluene	14.37	165	117667	50.822	ng		96
52) Acenaphthene	14.85	154	384541	41.252	ng		99
53) 3-Nitroaniline	14.71	138	122054	49.130	ng	#	89
54) 2,4-Dinitrophenol	14.91	184	110708	98.151	ng		95
55) Dibenzofuran	15.19	168	624457	41.781	ng		99
56) 4-Nitrophenol	15.00	139	185771	83.401	ng		93
57) 2,4-Dinitrotoluene	15.15	165	167965	55.644	ng		84
58) Fluorene	15.84	166	496383	44.553	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.41	232	154896	53.064	ng		96
60) Diethylphthalate	15.59	149	525298	41.372	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	260178	41.241	ng		96
62) 4-Nitroaniline	15.87	138	125844	48.793	ng		92
63) Azobenzene	16.12	77	474427	38.230	ng		96
65) 4,6-Dinitro-2-methylphenol	15.91	198	89889	57.032	ng		96
66) n-Nitrosodiphenylamine	16.04	169	460234	40.677	ng		96
67) 4-Bromophenyl-phenylether	16.72	248	174042	42.161	ng		95
68) Hexachlorobenzene	16.83	284	178470	43.091	ng		96
69) Atrazine	16.98	200	162591	39.323	ng		97
70) Pentachlorophenol	17.17	266	215122	74.733	ng		98
71) Phenanthrene	17.58	178	819119	42.532	ng		98
72) Anthracene	17.67	178	840868	44.326	ng		98
73) Carbazole	17.94	167	729122	38.513	ng		100
74) Di-n-butylphthalate	18.47	149	889635	40.279	ng		99
75) Fluoranthene	19.58	202	965647	43.199	ng		99
77) Benzidine	19.76	184	748895	63.163	ng		99
78) Pyrene	19.94	202	953419	42.350	ng		98
80) Butylbenzylphthalate	20.80	149	410601	43.236	ng		97
81) Benzo(a)anthracene	21.80	228	940865	44.030	ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	333284	42.063	ng		99
83) Chrysene	21.87	228	881041	43.312	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	568741	41.978	ng		99
85) Di-n-octyl phthalate	22.93	149	964388	43.085	ng		96
86) Indeno(1,2,3-cd)pyrene	29.09	276	951641	43.603	ng	#	96
88) Benzo(b)fluoranthene	24.12	252	884976	45.219	ng		99
89) Benzo(k)fluoranthene	24.19	252	894599	45.530	ng		100
90) Benzo(a)pyrene	25.05	252	877443	46.553	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	759143	43.008	ng		99
92) Benzo(g,h,i)perylene	30.31	276	750991	42.685	ng		99

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

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