Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG022719\
Data File : BG039645.D
Acq On : 27 Feb 2019 21:55
Operator : JU/SJ
Sample : PB117445BS
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB117445BS

Quant Time: Feb 28 00:01:04 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

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	54311	20.00	ng		-0.01
21) Naphthalene-d8	10.99	136	237230	20.00	ng		-0.02
39) Acenaphthene-d10	14.79	164	153672	20.00	ng		-0.02
64) Phenanthrene-d10	17.53	188	357569	20.00	ng		-0.02
76) Chrysene-d12	21.83	240	376530	20.00	ng		-0.02
87) Perylene-d12	25.21	264	390056	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	463258	145.99	ng		0.00
7) Phenol-d6	7.32	99	656333	140.51	ng		0.00
23) Nitrobenzene-d5	9.34	82	377776	99.48	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	233546	141.13	ng		-0.01
45) 2-Fluorobiphenyl	13.42	172	891833	83.25	ng		-0.02
79) Terphenyl-d14	20.12	244	1368851	76.95	ng		-0.03
Target Compounds							Qvalue
2) 1,4-Dioxane	3.61	88	52100	37.534	ng		97
3) Pyridine	4.00	79	145388	39.560	ng		97
4) n-Nitrosodimethylamine	3.92	42	74573	40.574	ng		84
6) Aniline	7.49	93	180514	30.853	ng		98
8) 2-Chlorophenol	7.73	128	160915	46.391	ng		94
9) Benzaldehyde	7.31	77	70379	27.512	ng		97
10) Phenol	7.34	94	224363	46.079	ng		97
11) bis(2-Chloroethyl)ether	7.58	93	155698	40.467	ng		99
12) 1,3-Dichlorobenzene	8.05	146	169819	40.413	ng		99
13) 1,4-Dichlorobenzene	8.20	146	171941	41.053	ng		98
14) 1,2-Dichlorobenzene	8.52	146	165022	40.700	ng		98
15) Benzyl Alcohol	8.40	79	151115	41.208	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	292287	33.640	ng		98
17) 2-Methylphenol	8.60	107	145388	46.141	ng		96
18) Hexachloroethane	9.25	117	58959	40.917	ng		92
19) n-Nitroso-di-n-propylamine	8.97	70	124219	37.469	ng		92
20) 3+4-Methylphenols	8.93	107	195696	45.101	ng		99
22) Acetophenone	9.00	105	240182	37.691	ng	#	94
24) Nitrobenzene	9.39	77	188163	45.866	ng		95
25) Isophorone	9.90	82	355245	42.216	ng		97
26) 2-Nitrophenol	10.10	139	94703	55.919	ng		97
27) 2,4-Dimethylphenol	10.14	122	169949	49.925	ng		98
28) bis(2-Chloroethoxy)methane	10.38	93	214460	41.376	ng		97
29) 2,4-Dichlorophenol	10.63	162	175336	47.128	ng		96
30) 1,2,4-Trichlorobenzene	10.84	180	177692	42.541	ng		99
31) Naphthalene	11.04	128	497116	42.240	ng		99
32) Benzoic acid	10.25	122	67544	33.628	ng		100
33) 4-Chloroaniline	11.15	127	112346	20.588	ng		99
34) Hexachlorobutadiene	11.30	225	112831	40.619	ng		93
35) Caprolactam	11.93	113	57172	37.136	ng		95
36) 4-Chloro-3-methylphenol	12.25	107	183196	42.577	ng		97
37) 2-Methylnaphthalene	12.63	142	379811	43.573	ng		95
38) 1-Methylnaphthalene	12.85	142	359318	42.764	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	208313	42.605	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	266952	100.196	ng		98
43) 2,4,6-Trichlorophenol	13.23	196	140947	46.885	ng		99
44) 2,4,5-Trichlorophenol	13.30	196	150133	47.649	ng		97
46) 1,1'-Biphenyl	13.63	154	496254	38.813	ng		99
47) 2-Chloronaphthalene	13.67	162	383295	39.850	ng		99
48) 2-Nitroaniline	13.88	65	130872	47.475	ng		95
49) Acenaphthylene	14.52	152	617640	42.556	ng		99
50) Dimethylphthalate	14.24	163	498688	40.181	ng		98
51) 2,6-Dinitrotoluene	14.37	165	112281	48.350	ng		95
52) Acenaphthene	14.85	154	380422	40.380	ng		98
53) 3-Nitroaniline	14.70	138	78673	33.432	ng	#	84
54) 2,4-Dinitrophenol	14.90	184	33064	42.224	ng		94
55) Dibenzofuran	15.19	168	606652	40.162	ng		99
56) 4-Nitrophenol	15.00	139	182050	81.044	ng		92
57) 2,4-Dinitrotoluene	15.15	165	157218	52.112	ng	#	89
58) Fluorene	15.84	166	476420	42.310	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.41	232	147426	49.973	ng		96
60) Diethylphthalate	15.59	149	490159	38.197	ng		98
61) 4-Chlorophenyl-phenylether	15.82	204	251672	39.472	ng		97
62) 4-Nitroaniline	15.87	138	120120	46.316	ng		95
63) Azobenzene	16.11	77	448024	35.721	ng		97
65) 4,6-Dinitro-2-methylphenol	15.91	198	46260	36.582	ng		98
66) n-Nitrosodiphenylamine	16.04	169	434702	39.982	ng		99
67) 4-Bromophenyl-phenylether	16.72	248	162110	40.866	ng		93
68) Hexachlorobenzene	16.83	284	169632	42.622	ng		96
69) Atrazine	16.98	200	157820	39.721	ng		97
70) Pentachlorophenol	17.18	266	181163	65.494	ng		99
71) Phenanthrene	17.58	178	785444	42.441	ng		99
72) Anthracene	17.67	178	797185	43.731	ng		99
73) Carbazole	17.94	167	709580	39.004	ng		98
74) Di-n-butylphthalate	18.47	149	849326	40.017	ng		99
75) Fluoranthene	19.58	202	965551	44.950	ng		100
77) Benzidine	19.76	184	372781	30.198	ng		99
78) Pyrene	19.94	202	967858	41.291	ng		100
80) Butylbenzylphthalate	20.81	149	416227	42.095	ng		97
81) Benzo(a)anthracene	21.80	228	964280	43.341	ng		100
82) 3,3'-Dichlorobenzidine	21.72	252	229975	27.877	ng		98
83) Chrysene	21.87	228	903776	42.672	ng		99
84) Bis(2-ethylhexyl)phthalate	21.67	149	576259	40.851	ng		99
85) Di-n-octyl phthalate	22.93	149	983418	42.197	ng		95
86) Indeno(1,2,3-cd)pyrene	29.09	276	1095217	48.197	ng		98
88) Benzo(b)fluoranthene	24.12	252	957295	45.003	ng		99
89) Benzo(k)fluoranthene	24.19	252	916929	42.934	ng		99
90) Benzo(a)pyrene	25.05	252	930137	45.403	ng		99
91) Dibenzo(a,h)anthracene	29.16	278	877005	45.712	ng		99
92) Benzo(g,h,i)perylene	30.32	276	901223	47.128	ng		98

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

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