Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG021119\
Data File : BG039447.D
Acq On : 11 Feb 2019 23:25
Operator : JU/SJ
Sample : PB116997BS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : PB116997BS

Quant Time: Feb 12 00:18:37 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	49855	20.00	ng		-0.01
21) Naphthalene-d8	11.00	136	237375	20.00	ng		-0.01
39) Acenaphthene-d10	14.80	164	166039	20.00	ng		-0.01
64) Phenanthrene-d10	17.54	188	389326	20.00	ng		-0.01
76) Chrysene-d12	21.83	240	370776	20.00	ng		-0.02
87) Perylene-d12	25.21	264	387497	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	494954	169.92	ng		0.00
7) Phenol-d6	7.31	99	707675	165.05	ng		0.00
23) Nitrobenzene-d5	9.35	82	345183	90.84	ng		-0.02
42) 2,4,6-Tribromophenol	16.28	330	284848	159.31	ng		0.00
45) 2-Fluorobiphenyl	13.42	172	884077	76.38	ng		-0.01
79) Terphenyl-d14	20.13	244	1371867	78.32	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	42784	33.578	ng		94
3) Pyridine	4.00	79	119719	35.487	ng		98
4) n-Nitrosodimethylamine	3.92	42	66988	39.705	ng		84
6) Aniline	7.50	93	158574	29.525	ng		97
8) 2-Chlorophenol	7.73	128	158492	49.776	ng		96
9) Benzaldehyde	7.31	77	74987	33.388	ng		96
10) Phenol	7.34	94	216916	48.531	ng		100
11) bis(2-Chloroethyl)ether	7.59	93	143428	40.610	ng		97
12) 1,3-Dichlorobenzene	8.06	146	153073	39.684	ng		94
13) 1,4-Dichlorobenzene	8.21	146	154762	40.254	ng		98
14) 1,2-Dichlorobenzene	8.53	146	149645	40.207	ng		99
15) Benzyl Alcohol	8.41	79	150800	44.798	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.69	45	285007	35.734	ng		99
17) 2-Methylphenol	8.60	107	143110	49.477	ng		97
18) Hexachloroethane	9.26	117	54077	40.883	ng		98
19) n-Nitroso-di-n-propylamine	8.98	70	124653	40.960	ng		94
20) 3+4-Methylphenols	8.93	107	198915	49.940	ng		97
22) Acetophenone	9.00	105	235610	36.951	ng	#	95
24) Nitrobenzene	9.39	77	182305	44.411	ng		96
25) Isophorone	9.90	82	361252	42.903	ng		100
26) 2-Nitrophenol	10.10	139	85618	51.896	ng		98
27) 2,4-Dimethylphenol	10.14	122	168890	49.584	ng		98
28) bis(2-Chloroethoxy)methane	10.39	93	221907	42.787	ng		98
29) 2,4-Dichlorophenol	10.63	162	180425	48.466	ng		96
30) 1,2,4-Trichlorobenzene	10.85	180	173478	41.507	ng		95
31) Naphthalene	11.04	128	500581	42.509	ng		99
32) Benzoic acid	10.21	122	13085	13.785	ng		91
33) 4-Chloroaniline	11.15	127	110394	20.218	ng		98
34) Hexachlorobutadiene	11.31	225	107195	38.566	ng		96
35) Caprolactam	11.94	113	61093	39.658	ng	#	88
36) 4-Chloro-3-methylphenol	12.25	107	196426	45.624	ng		96
37) 2-Methylnaphthalene	12.64	142	387626	44.442	ng		97
38) 1-Methylnaphthalene	12.85	142	366374	43.577	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.99	216	210515	39.849	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.96	237	267510	92.927	ng		99
43) 2,4,6-Trichlorophenol	13.23	196	150604	46.365	ng		96
44) 2,4,5-Trichlorophenol	13.30	196	161831	47.536	ng		97
46) 1,1'-Biphenyl	13.63	154	530511	38.401	ng		99
47) 2-Chloronaphthalene	13.68	162	410010	39.452	ng		99
48) 2-Nitroaniline	13.89	65	137188	46.307	ng		90
49) Acenaphthylene	14.52	152	666642	42.511	ng		100
50) Dimethylphthalate	14.25	163	544559	40.609	ng		100
51) 2,6-Dinitrotoluene	14.37	165	121087	48.271	ng		94
52) Acenaphthene	14.86	154	409240	40.203	ng		97
53) 3-Nitroaniline	14.70	138	79365	31.599	ng	#	90
54) 2,4-Dinitrophenol	14.90	184	13175	19.681	ng		93
55) Dibenzofuran	15.19	168	661758	40.547	ng		100
56) 4-Nitrophenol	14.99	139	194055	80.032	ng		91
57) 2,4-Dinitrotoluene	15.16	165	166676	51.279	ng	#	86
58) Fluorene	15.84	166	518397	42.609	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.41	232	150984	47.367	ng		97
60) Diethylphthalate	15.60	149	544410	39.265	ng		98
61) 4-Chlorophenyl-phenylether	15.83	204	276600	40.151	ng		99
62) 4-Nitroaniline	15.87	138	120543	43.316	ng		92
63) Azobenzene	16.12	77	492546	36.346	ng		98
65) 4,6-Dinitro-2-methylphenol	15.91	198	20001	18.886	ng		92
66) n-Nitrosodiphenylamine	16.04	169	474670	40.097	ng		98
67) 4-Bromophenyl-phenylether	16.72	248	177836	41.174	ng		94
68) Hexachlorobenzene	16.83	284	181630	41.914	ng		97
69) Atrazine	16.98	200	180952	41.828	ng		97
70) Pentachlorophenol	17.18	266	112807	37.455	ng		98
71) Phenanthrene	17.58	178	836019	41.489	ng		100
72) Anthracene	17.68	178	843167	42.481	ng		98
73) Carbazole	17.94	167	720037	36.351	ng		99
74) Di-n-butylphthalate	18.48	149	860121	37.220	ng		99
75) Fluoranthene	19.58	202	947053	40.493	ng		99
77) Benzidine	19.76	184	304605	25.058	ng		99
78) Pyrene	19.94	202	937656	40.623	ng		98
80) Butylbenzylphthalate	20.81	149	390710	40.127	ng		94
81) Benzo(a)anthracene	21.81	228	921124	42.043	ng		99
82) 3,3'-Dichlorobenzidine	21.72	252	200451	24.675	ng		99
83) Chrysene	21.88	228	863096	41.384	ng		98
84) Bis(2-ethylhexyl)phthalate	21.68	149	543839	39.151	ng		99
85) Di-n-octyl phthalate	22.95	149	943044	41.093	ng		95
86) Indeno(1,2,3-cd)pyrene	29.10	276	1049558	46.904	ng		99
88) Benzo(b)fluoranthene	24.13	252	902291	42.697	ng		99
89) Benzo(k)fluoranthene	24.20	252	898129	42.332	ng		99
90) Benzo(a)pyrene	25.05	252	888448	43.654	ng		98
91) Dibenzo(a,h)anthracene	29.17	278	842083	44.181	ng		98
92) Benzo(g,h,i)perylene	30.32	276	871771	45.889	ng		98

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

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