Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082718\
Data File : BG036453.D
Acq On : 28 Aug 2018 6:24
Operator : JU/SJ
Sample : J4584-01MS
Misc :
ALS Vial : 29 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TOD1-WC-S-1-0-52MS

Quant Time: Aug 28 07:18:22 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 23 12:07:02 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	60456	20.00	ng		0.00
21) Naphthalene-d8	10.87	136	251348	20.00	ng		0.00
38) Acenaphthene-d10	14.69	164	160080	20.00	ng		0.00
63) Phenanthrene-d10	17.43	188	427474	20.00	ng		0.00
75) Chrysene-d12	21.70	240	437470	20.00	ng		0.00
86) Perylene-d12	24.92	264	464904	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	419588	110.09	ng		0.00
7) Phenol-d6	7.22	99	517292	94.80	ng		0.00
23) Nitrobenzene-d5	9.23	82	381757	82.41	ng		0.00
41) 2,4,6-Tribromophenol	16.18	330	255962	134.00	ng		0.00
44) 2-Fluorobiphenyl	13.32	172	847509	75.59	ng		0.00
78) Terphenyl-d14	20.04	244	1494199	79.83	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.55	88	49265	27.699	ng	#	82
3) Pyridine	3.95	79	122511	24.539	ng		99
4) n-Nitrosodimethylamine	3.85	42	74406	33.461	ng		95
6) Aniline	7.39	93	74109	10.700	ng		99
8) 2-Chlorophenol	7.63	128	153539	37.150	ng		97
9) Benzaldehyde	7.20	77	98442	26.198	ng		94
10) Phenol	7.25	94	177958	31.165	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	152734	33.738	ng		100
12) 1,3-Dichlorobenzene	7.95	146	153573	32.542	ng		99
13) 1,4-Dichlorobenzene	8.10	146	157206	32.994	ng		98
14) 1,2-Dichlorobenzene	8.42	146	151666	33.331	ng		96
15) Benzyl Alcohol	8.30	79	157668	35.843	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.59	45	291248	31.902	ng		99
17) 2-Methylphenol	8.50	107	139940	36.908	ng		99
18) Hexachloroethane	9.15	117	57857	33.868	ng		94
19) n-Nitroso-di-n-propylamine	8.87	70	127279	31.211	ng		98
20) 3+4-Methylphenols	8.83	107	188263	35.564	ng		98
22) Acetophenone	8.89	105	243215	36.849	ng	#	98
24) Nitrobenzene	9.27	77	188286	37.692	ng		93
25) Isophorone	9.79	82	360712	39.196	ng		95
26) 2-Nitrophenol	9.98	139	79603	40.213	ng		99
27) 2,4-Dimethylphenol	10.03	122	153554	41.899	ng		98
28) bis(2-Chloroethoxy)methane	10.27	93	213022	37.716	ng		98
29) 2,4-Dichlorophenol	10.51	162	167538	41.712	ng		97
30) 1,2,4-Trichlorobenzene	10.73	180	168725	35.909	ng		99
31) Naphthalene	10.92	128	492919	39.231	ng		99
32) Benzoic acid	10.12	122	30348	14.606	ng		97
33) 4-Chloroaniline	11.03	127	20574	3.573	ng	#	97
34) Hexachlorobutadiene	11.21	225	115646	36.632	ng		96
35) Caprolactam	11.79	113	43143	26.964	ng		92
36) 4-Chloro-3-methylphenol	12.14	107	188976	40.492	ng		99
37) 2-Methylnaphthalene	12.52	142	374424	40.727	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.89	216	211550	37.343	ng		99
40) Hexachlorocyclopentadiene	12.87	237	214307	72.707	ng		96

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	144911	41.993	ng		97
43) 2,4,5-Trichlorophenol	13.19	196	158495	43.061	ng		98
45) 1,1'-Biphenyl	13.52	154	485550	36.541	ng		99
46) 2-Chloronaphthalene	13.57	162	372237	36.695	ng		99
47) 2-Nitroaniline	13.76	65	131597	41.312	ng		96
48) Acenaphthylene	14.41	152	632958	39.925	ng		99
49) Dimethylphthalate	14.15	163	509118	38.949	ng		100
50) 2,6-Dinitrotoluene	14.26	165	108876	40.478	ng		95
51) Acenaphthene	14.75	154	375886	37.021	ng		98
52) 3-Nitroaniline	14.58	138	47930	16.536	ng		95
53) 2,4-Dinitrophenol	14.79	184	7510	7.371	ng	#	86
54) Dibenzofuran	15.09	168	607911	38.216	ng		99
55) 4-Nitrophenol	14.89	139	131190	55.356	ng		98
56) 2,4-Dinitrotoluene	15.04	165	154170	43.979	ng	#	86
57) Fluorene	15.73	166	492303	41.400	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.31	232	143168	41.400	ng		96
59) Diethylphthalate	15.50	149	516819	39.232	ng		99
60) 4-Chlorophenyl-phenylether	15.73	204	274683	37.408	ng		100
61) 4-Nitroaniline	15.75	138	123100	40.585	ng		96
62) Azobenzene	16.02	77	500673	37.354	ng		98
64) 4,6-Dinitro-2-methylphenol	15.81	198	10928	5.820	ng		86
65) n-Nitrosodiphenylamine	15.94	169	454551	35.787	ng		99
66) 4-Bromophenyl-phenylether	16.63	248	182486	36.462	ng		97
67) Hexachlorobenzene	16.74	284	185471	36.242	ng		98
68) Atrazine	16.88	200	191037	40.070	ng		99
69) Pentachlorophenol	17.08	266	60858	17.497	ng		97
70) Phenanthrene	17.48	178	862520	39.709	ng		99
71) Anthracene	17.57	178	874259	40.377	ng		100
72) Carbazole	17.83	167	780030	36.073	ng		99
73) Di-n-butylphthalate	18.39	149	909908	37.788	ng		99
74) Fluoranthene	19.48	202	1064030	40.178	ng		100
76) Benzidine	19.66	184	98611	7.065	ng		98
77) Pyrene	19.84	202	1059804	39.395	ng		98
79) Butylbenzylphthalate	20.73	149	422785	39.490	ng		98
80) Benzo(a)anthracene	21.68	228	1072006	40.449	ng		99
81) 3,3'-Dichlorobenzidine	21.60	252	115882	10.971	ng		99
82) Chrysene	21.75	228	993990	39.568	ng		99
83) Bis(2-ethylhexyl)phthalate	21.60	149	585124	39.056	ng		98
84) Di-n-octyl phthalate	22.81	149	999935	39.959	ng		97
85) Indeno(1,2,3-cd)pyrene	28.58	276	1248215	42.780	ng		99
87) Benzo(b)fluoranthene	23.90	252	1079536	41.816	ng		96
88) Benzo(k)fluoranthene	23.96	252	1035938	41.074	ng		99
89) Benzo(a)pyrene	24.77	252	1041132	41.968	ng		99
90) Dibenzo(a,h)anthracene	28.64	278	1000535	41.778	ng		98
91) Benzo(g,h,i)perylene	29.72	276	1032853	42.916	ng		97

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

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