Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037724.D
Acq On : 1 Nov 2018 18:31
Operator : JU/SJ
Sample : J5741-23MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-6MSD

Manual Integrations APPROVED
Sohil
11/2/2018 11:29:41 AM

Quant Time: Nov 02 07:30:15 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG101818.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Oct 18 14:06:42 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	56207	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	255180	20.00	ng		0.00
39) Acenaphthene-d10	14.73	164	171649	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	396007	20.00	ng		0.00
76) Chrysene-d12	21.77	240	345194	20.00	ng		0.00
87) Perylene-d12	25.10	264	358304	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	493937	146.92	ng		0.00
7) Phenol-d6	7.25	99	732560	144.10	ng		0.00
23) Nitrobenzene-d5	9.27	82	433212	95.10	ng		0.00
42) 2,4,6-Tribromophenol	16.23	330	267392	142.83	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	974089	85.57	ng		0.00
79) Terphenyl-d14	20.08	244	1356445	83.96	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	45888	26.915	ng		98
3) Pyridine	3.93	79	122364	28.475	ng		94
4) n-Nitrosodimethylamine	3.85	42	70415	46.005	ng		90
6) Aniline	7.42	93	193571	31.212	ng		98
8) 2-Chlorophenol	7.66	128	183671	46.700	ng		99
9) Benzaldehyde	7.24	77	137012	43.085	ng		99
10) Phenol	7.28	94	290081	54.081	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	171810	42.174	ng		95
12) 1,3-Dichlorobenzene	7.98	146	176237	40.251	ng		99
13) 1,4-Dichlorobenzene	8.14	146	179409	40.058	ng		100
14) 1,2-Dichlorobenzene	8.45	146	172841	40.118	ng		98
15) Benzyl Alcohol	8.34	79	171775	45.729	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.62	45	312902	42.926	ng		99
17) 2-Methylphenol	8.53	107	170650	48.123	ng		98
18) Hexachloroethane	9.18	117	63803	41.786	ng		96
19) n-Nitroso-di-n-propylamine	8.90	70	147839	42.231	ng		93
20) 3+4-Methylphenols	8.86	107	239430	47.225	ng		98
22) Acetophenone	8.93	105	277115	43.301	ng	#	99
24) Nitrobenzene	9.32	77	213837	45.187	ng		94
25) Isophorone	9.83	82	423189	50.845	ng		98
26) 2-Nitrophenol	10.03	139	106264	49.846	ng		98
27) 2,4-Dimethylphenol	10.07	122	202696	53.252	ng		99
28) bis(2-Chloroethoxy)methane	10.31	93	253591	46.503	ng		98
29) 2,4-Dichlorophenol	10.56	162	205117	48.400	ng		97
30) 1,2,4-Trichlorobenzene	10.78	180	194571	42.218	ng		95
31) Naphthalene	10.97	128	580739	46.334	ng		99
32) Benzoic acid	10.17	122	63293	25.601	ng		98
33) 4-Chloroaniline	11.08	127	121026	20.551	ng		96
34) Hexachlorobutadiene	11.23	225	112770	41.285	ng		98
35) Caprolactam	11.87	113	77838m	45.795	ng		
36) 4-Chloro-3-methylphenol	12.18	107	230161	48.156	ng		99
37) 2-Methylnaphthalene	12.57	142	444050	48.601	ng		99
38) 1-Methylnaphthalene	12.79	142	428111	48.249	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	229496	41.451	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	256510	96.990	ng		97
43) 2,4,6-Trichlorophenol	13.16	196	176820	47.803	ng		100
44) 2,4,5-Trichlorophenol	13.24	196	195106	48.446	ng		95
46) 1,1'-Biphenyl	13.57	154	583197	41.025	ng		98
47) 2-Chloronaphthalene	13.62	162	460633	42.831	ng		98
48) 2-Nitroaniline	13.83	65	157767	48.375	ng		94
49) Acenaphthylene	14.46	152	759058	46.919	ng		99
50) Dimethylphthalate	14.19	163	745880	56.170	ng		100
51) 2,6-Dinitrotoluene	14.32	165	140053	47.676	ng		93
52) Acenaphthene	14.80	154	445484	44.712	ng		97
53) 3-Nitroaniline	14.65	138	108980	33.418	ng	#	98
54) 2,4-Dinitrophenol	14.85	184	78042	67.081	ng		99
55) Dibenzofuran	15.13	168	712080	43.136	ng		100
56) 4-Nitrophenol	14.94	139	306011	126.771	ng		98
57) 2,4-Dinitrotoluene	15.10	165	194090	50.333	ng		96
58) Fluorene	15.78	166	571446	46.227	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.35	232	167131	48.470	ng		100
60) Diethylphthalate	15.54	149	617162	45.270	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	303495	42.121	ng		97
62) 4-Nitroaniline	15.81	138	148785	45.914	ng		92
63) Azobenzene	16.06	77	582159	44.756	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	92034	44.946	ng		99
66) n-Nitrosodiphenylamine	15.98	169	530048	44.497	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	188641	43.378	ng		99
68) Hexachlorobenzene	16.77	284	192161	42.635	ng		99
69) Atrazine	16.92	200	196194	45.555	ng		98
70) Pentachlorophenol	17.12	266	225363	74.647	ng		95
71) Phenanthrene	17.52	178	930723	46.244	ng		99
72) Anthracene	17.61	178	948446	48.020	ng		99
73) Carbazole	17.89	167	856908	43.372	ng		100
74) Di-n-butylphthalate	18.42	149	1024087	46.596	ng		100
75) Fluoranthene	19.53	202	1054667	46.203	ng		98
77) Benzidine	19.71	184	269252	22.939	ng		99
78) Pyrene	19.89	202	1047006	46.398	ng		99
80) Butylbenzylphthalate	20.76	149	456159	49.393	ng		98
81) Benzo(a)anthracene	21.75	228	974089	47.708	ng		98
82) 3,3'-Dichlorobenzidine	21.66	252	236765	29.917	ng		100
83) Chrysene	21.81	228	908985	46.298	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	641831	49.580	ng		98
85) Di-n-octyl phthalate	22.86	149	1086232	51.457	ng		99
86) Indeno(1,2,3-cd)pyrene	28.92	276	951518	45.186	ng	#	95
88) Benzo(b)fluoranthene	24.03	252	960448	48.894	ng		99
89) Benzo(k)fluoranthene	24.10	252	906846	47.120	ng		97
90) Benzo(a)pyrene	24.94	252	920032	49.289	ng		98
91) Dibenzo(a,h)anthracene	28.99	278	742941	43.149	ng		97
92) Benzo(g,h,i)perylene	30.13	276	762996	43.802	ng		99

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

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