Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062118\
Data File : BG035308.D
Acq On : 21 Jun 2018 20:34
Operator : JU/SJ
Sample : J3575-03MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-9MSD

Manual Integrations APPROVED
Sohil
6/22/2018 2:13:46 PM

Quant Time: Jun 22 05:23:49 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG060718.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 08 17:16:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.06	152	49454	20.00	ng		-0.02
21) Naphthalene-d8	10.86	136	179319	20.00	ng		-0.02
38) Acenaphthene-d10	14.68	164	126548	20.00	ng		-0.02
63) Phenanthrene-d10	17.42	188	359338	20.00	ng		-0.02
75) Chrysene-d12	21.69	240	395097	20.00	ng		-0.02
86) Perylene-d12	24.91	264	391153	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.63	112	412925	140.91	ng		-0.01
7) Phenol-d6	7.22	99	540217	124.90	ng		0.00
23) Nitrobenzene-d5	9.22	82	421580	111.75	ng		-0.02
41) 2,4,6-Tribromophenol	16.17	330	323824	199.89	ng		-0.01
44) 2-Fluorobiphenyl	13.30	172	958451	98.46	ng		-0.02
78) Terphenyl-d14	20.03	244	1865637	98.91	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.56	88	53032	37.930	ng	#	73
3) Pyridine	3.96	79	137819	36.533	ng	#	69
4) n-Nitrosodimethylamine	3.86	42	61675	38.055	ng	#	68
6) Aniline	7.38	93	129922	23.239	ng		99
8) 2-Chlorophenol	7.62	128	145263	47.291	ng		94
9) Benzaldehyde	7.19	77	70711	21.225	ng		99
10) Phenol	7.24	94	180812	40.396	ng		98
11) bis(2-Chloroethyl)ether	7.48	93	149820	43.125	ng		88
12) 1,3-Dichlorobenzene	7.95	146	169983	46.380	ng		97
13) 1,4-Dichlorobenzene	8.09	146	170383	45.035	ng		93
14) 1,2-Dichlorobenzene	8.41	146	165559	46.587	ng		98
15) Benzyl Alcohol	8.29	79	173239	42.271	ng		91
16) 2,2'-oxybis(1-Chloropropan	8.58	45	161252	46.634	ng		75
17) 2-Methylphenol	8.49	107	143600	48.661	ng	#	91
18) Hexachloroethane	9.14	117	65108	48.069	ng		99
19) n-Nitroso-di-n-propylamine	8.86	70	140420	38.214	ng	#	82
20) 3+4-Methylphenols	8.82	107	192501	45.510	ng		90
22) Acetophenone	8.88	105	256488	46.175	ng	#	89
24) Nitrobenzene	9.26	77	205008	53.070	ng		97
25) Isophorone	9.78	82	402562	50.543	ng		98
26) 2-Nitrophenol	9.97	139	82747	62.144	ng	#	87
27) 2,4-Dimethylphenol	10.03	122	153758	54.937	ng		87
28) bis(2-Chloroethoxy)methane	10.26	93	211418	49.395	ng		99
29) 2,4-Dichlorophenol	10.51	162	175634	57.672	ng		94
30) 1,2,4-Trichlorobenzene	10.73	180	185249	50.729	ng		99
31) Naphthalene	10.91	128	471119	50.574	ng		98
32) Benzoic acid	10.17	122	92994	49.605	ng		95
33) 4-Chloroaniline	11.03	127	20336	5.028	ng	#	86
34) Hexachlorobutadiene	11.20	225	145272	51.153	ng		93
35) Caprolactam	11.79	113	44283m	39.346	ng		
36) 4-Chloro-3-methylphenol	12.13	107	209621	55.218	ng		92
37) 2-Methylnaphthalene	12.51	142	359605	50.917	ng		91
39) 1,2,4,5-Tetrachlorobenzene	12.88	216	248266	52.670	ng		98
40) Hexachlorocyclopentadiene	12.86	237	323080	109.300	ng		93

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.12	196	165300	58.566	ng		98
43) 2,4,5-Trichlorophenol	13.19	196	182120	58.789	ng	#	96
45) 1,1'-Biphenyl	13.52	154	497013	48.843	ng		97
46) 2-Chloronaphthalene	13.56	162	392340	50.997	ng		99
47) 2-Nitroaniline	13.76	65	140096	61.667	ng		97
48) Acenaphthylene	14.40	152	655874	50.841	ng		98
49) Dimethylphthalate	14.13	163	560961	50.833	ng		99
50) 2,6-Dinitrotoluene	14.25	165	128193	63.676	ng		93
51) Acenaphthene	14.74	154	392083	46.517	ng		98
52) 3-Nitroaniline	14.58	138	56679	28.691	ng	#	92
53) 2,4-Dinitrophenol	14.78	184	158888	195.011	ng	#	64
54) Dibenzofuran	15.08	168	639415	50.652	ng		93
55) 4-Nitrophenol	14.88	139	176625	105.938	ng	#	86
56) 2,4-Dinitrotoluene	15.04	165	190953	71.402	ng	#	86
57) Fluorene	15.72	166	544941	51.653	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.30	232	191118	63.506	ng		91
59) Diethylphthalate	15.50	149	555500	49.339	ng		96
60) 4-Chlorophenyl-phenylether	15.72	204	317975	52.856	ng		96
61) 4-Nitroaniline	15.75	138	124944	58.975	ng	#	82
62) Azobenzene	16.01	77	544313	49.335	ng		94
64) 4,6-Dinitro-2-methylphenol	15.80	198	110145	67.136	ng		85
65) n-Nitrosodiphenylamine	15.93	169	488473	45.265	ng		99
66) 4-Bromophenyl-phenylether	16.61	248	222798	51.487	ng		99
67) Hexachlorobenzene	16.73	284	226929	51.523	ng		94
68) Atrazine	16.88	200	225519	49.005	ng		98
69) Pentachlorophenol	17.07	266	285005	96.230	ng		99
70) Phenanthrene	17.46	178	909180	49.808	ng		97
71) Anthracene	17.56	178	921672	50.407	ng		98
72) Carbazole	17.82	167	849404	50.068	ng		98
73) Di-n-butylphthalate	18.38	149	954524	47.205	ng	#	98
74) Fluoranthene	19.47	202	1225086	51.577	ng		96
76) Benzidine	19.65	184	197130	13.411	ng		97
77) Pyrene	19.83	202	1216209	46.694	ng		97
79) Butylbenzylphthalate	20.71	149	441494	46.680	ng		97
80) Benzo(a)anthracene	21.67	228	1243364	49.246	ng		99
81) 3,3'-Dichlorobenzidine	21.59	252	260221	27.395	ng		96
82) Chrysene	21.74	228	1155527	49.987	ng		98
83) Bis(2-ethylhexyl)phthalate	21.58	149	612964	45.866	ng	#	99
84) Di-n-octyl phthalate	22.79	149	1034953	45.140	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.59	276	1381562	51.030	ng	#	89
87) Benzo(b)fluoranthene	23.89	252	1214877	50.435	ng	#	96
88) Benzo(k)fluoranthene	23.96	252	1174183	49.831	ng	#	94
89) Benzo(a)pyrene	24.77	252	1159267	51.145	ng	#	96
90) Dibenzo(a,h)anthracene	28.65	278	1125208	50.288	ng	#	95
91) Benzo(g,h,i)perylene	29.75	276	1150707	52.549	ng	#	92

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

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