Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG080318\
Data File : BG036110.D
Acq On : 4 Aug 2018 2:07
Operator : JU/SJ
Sample : J4310-02MS
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
C-1MS

Manual Integrations APPROVED
Sohil
8/6/2018 9:57:53 AM

Quant Time: Aug 04 04:31:12 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	33390	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	126615	20.00	ng		-0.01
38) Acenaphthene-d10	14.65	164	91837	20.00	ng		0.00
63) Phenanthrene-d10	17.40	188	241389	20.00	ng		0.00
75) Chrysene-d12	21.65	240	255728	20.00	ng		0.00
86) Perylene-d12	24.86	264	247316	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	280049	139.25	ng		0.00
7) Phenol-d6	7.20	99	377386	125.77	ng		0.00
23) Nitrobenzene-d5	9.19	82	293712	96.91	ng		0.00
41) 2,4,6-Tribromophenol	16.14	330	203193	167.86	ng		0.00
44) 2-Fluorobiphenyl	13.27	172	675141	98.49	ng		0.00
78) Terphenyl-d14	20.00	244	1228715	105.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	36179	35.344	ng	#	72
3) Pyridine	3.94	79	80603	30.163	ng	#	75
4) n-Nitrosodimethylamine	3.84	42	43984	38.334	ng	#	86
6) Aniline	7.36	93	81623	20.987	ng		95
8) 2-Chlorophenol	7.60	128	101628	49.685	ng		97
9) Benzaldehyde	7.17	77	52439	28.482	ng		98
10) Phenol	7.23	94	127595	42.089	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	104272	43.920	ng		92
12) 1,3-Dichlorobenzene	7.91	146	117384	47.522	ng		96
13) 1,4-Dichlorobenzene	8.06	146	117909	46.981	ng		97
14) 1,2-Dichlorobenzene	8.38	146	110892	45.994	ng		92
15) Benzyl Alcohol	8.27	79	112729	41.371	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.55	45	115613	58.085	ng		73
17) 2-Methylphenol	8.47	107	97969	47.532	ng	#	86
18) Hexachloroethane	9.10	117	42806	44.608	ng	#	84
19) n-Nitroso-di-n-propylamine	8.83	70	98241	38.880	ng	#	84
20) 3+4-Methylphenols	8.80	107	129993	45.462	ng		86
22) Acetophenone	8.85	105	177458	45.070	ng	#	93
24) Nitrobenzene	9.23	77	149077	48.907	ng		93
25) Isophorone	9.75	82	280986	49.941	ng		99
26) 2-Nitrophenol	9.94	139	61258	56.586	ng	#	85
27) 2,4-Dimethylphenol	10.00	122	102522	55.947	ng		93
28) bis(2-Chloroethoxy)methane	10.23	93	144344	46.558	ng		97
29) 2,4-Dichlorophenol	10.48	162	115538	55.234	ng		93
30) 1,2,4-Trichlorobenzene	10.69	180	132772	51.763	ng		97
31) Naphthalene	10.87	128	319552	48.450	ng		98
32) Benzoic acid	10.18	122	34475m	27.947	ng		
33) 4-Chloroaniline	11.01	127	15171	5.278	ng	#	94
34) Hexachlorobutadiene	11.16	225	101509	50.751	ng		93
35) Caprolactam	11.79	113	29483m	32.844	ng		
36) 4-Chloro-3-methylphenol	12.11	107	143787	51.282	ng		95
37) 2-Methylnaphthalene	12.48	142	250568	50.993	ng	#	92
39) 1,2,4,5-Tetrachlorobenzene	12.84	216	174719	50.406	ng		99
40) Hexachlorocyclopentadiene	12.83	237	200380	110.229	ng		90

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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Jul 31 12:30:06 2018
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.08	196	109278	53.909	ng		99
43) 2,4,5-Trichlorophenol	13.17	196	121930	53.769	ng		99
45) 1,1'-Biphenyl	13.48	154	353569	49.658	ng		98
46) 2-Chloronaphthalene	13.53	162	275998	49.835	ng		98
47) 2-Nitroaniline	13.73	65	96472	49.271	ng		95
48) Acenaphthylene	14.37	152	461052	49.697	ng		97
49) Dimethylphthalate	14.11	163	394217	48.994	ng		99
50) 2,6-Dinitrotoluene	14.22	165	89417	54.572	ng		94
51) Acenaphthene	14.71	154	271673	47.009	ng		97
52) 3-Nitroaniline	14.56	138	37188	22.206	ng	#	91
53) 2,4-Dinitrophenol	14.77	184	60647	72.637	ng	#	67
54) Dibenzofuran	15.05	168	453033	49.291	ng		92
55) 4-Nitrophenol	14.88	139	91099	76.384	ng	#	80
56) 2,4-Dinitrotoluene	15.02	165	128584	54.701	ng		92
57) Fluorene	15.70	166	382198	49.614	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.27	232	125335	57.645	ng	#	88
59) Diethylphthalate	15.46	149	392401	47.428	ng		99
60) 4-Chlorophenyl-phenylether	15.69	204	222989	49.250	ng		98
61) 4-Nitroaniline	15.73	138	83509	47.671	ng	#	82
62) Azobenzene	15.98	77	401513	49.199	ng		94
64) 4,6-Dinitro-2-methylphenol	15.78	198	65583	48.807	ng		86
65) n-Nitrosodiphenylamine	15.90	169	334776	48.724	ng		97
66) 4-Bromophenyl-phenylether	16.58	248	152340	54.397	ng		97
67) Hexachlorobenzene	16.70	284	154343	53.517	ng		95
68) Atrazine	16.85	200	153606	54.298	ng		95
69) Pentachlorophenol	17.05	266	135880	77.353	ng		96
70) Phenanthrene	17.44	178	614765	51.040	ng		97
71) Anthracene	17.52	178	630003	52.529	ng		98
72) Carbazole	17.79	167	558911	49.071	ng		98
73) Di-n-butylphthalate	18.35	149	651516	48.405	ng	#	98
74) Fluoranthene	19.45	202	802531	49.465	ng		96
76) Benzidine	19.63	184	105500	15.692	ng		99
77) Pyrene	19.80	202	806083	49.851	ng		98
79) Butylbenzylphthalate	20.69	149	301438	52.130	ng	#	94
80) Benzo(a)anthracene	21.64	228	809845	50.818	ng		99
81) 3,3'-Dichlorobenzidine	21.55	252	152903	27.517	ng	#	94
82) Chrysene	21.71	228	760729	51.513	ng		98
83) Bis(2-ethylhexyl)phthalate	21.53	149	410940	52.274	ng		99
84) Di-n-octyl phthalate	22.73	149	706088	53.643	ng	#	92
85) Indeno(1,2,3-cd)pyrene	28.50	276	851940	52.107	ng	#	87
87) Benzo(b)fluoranthene	23.84	252	780949	51.953	ng	#	96
88) Benzo(k)fluoranthene	23.91	252	750476	51.068	ng	#	96
89) Benzo(a)pyrene	24.71	252	750815	53.689	ng	#	96
90) Dibenzo(a,h)anthracene	28.56	278	703569	51.246	ng	#	95
91) Benzo(g,h,i)perylene	29.64	276	691334	51.459	ng	#	93

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

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