Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110118\
Data File : BG037740.D
Acq On : 2 Nov 2018 4:58
Operator : JU/SJ
Sample : J5192-06MSD
Misc :
ALS Vial : 22 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-05-103118-AMSD

Manual Integrations APPROVED
Sohil
11/2/2018 11:29:45 AM

Quant Time: Nov 02 08:06:19 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	59791	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	269206	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	177613	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	397594	20.00	ng		0.00
76) Chrysene-d12	21.77	240	353723	20.00	ng		0.00
87) Perylene-d12	25.11	264	357665	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	401562	112.28	ng		0.00
7) Phenol-d6	7.25	99	538340	99.55	ng		0.00
23) Nitrobenzene-d5	9.28	82	392565	81.69	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	249686	128.89	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	931880	79.12	ng		-0.01
79) Terphenyl-d14	20.08	244	1396792	84.38	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	52545	28.972	ng	#	90
3) Pyridine	3.94	79	145866	31.910	ng		92
4) n-Nitrosodimethylamine	3.86	42	75063	46.102	ng		93
6) Aniline	7.43	93	130926	19.846	ng		98
8) 2-Chlorophenol	7.66	128	202362	48.368	ng		99
9) Benzaldehyde	7.24	77	145054	42.879	ng		100
10) Phenol	7.27	94	227559	39.882	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	194363	44.850	ng		97
12) 1,3-Dichlorobenzene	7.99	146	203960	43.790	ng		99
13) 1,4-Dichlorobenzene	8.14	146	211640	44.422	ng		99
14) 1,2-Dichlorobenzene	8.46	146	203137	44.324	ng		97
15) Benzyl Alcohol	8.34	79	188344	47.135	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.62	45	353483	45.587	ng		97
17) 2-Methylphenol	8.53	107	184179	48.825	ng		99
18) Hexachloroethane	9.18	117	75682	46.595	ng		93
19) n-Nitroso-di-n-propylamine	8.91	70	168950	45.369	ng		93
20) 3+4-Methylphenols	8.86	107	254775	47.239	ng		97
22) Acetophenone	8.93	105	317932	47.090	ng	#	98
24) Nitrobenzene	9.32	77	247236	49.523	ng		92
25) Isophorone	9.84	82	481621	54.850	ng		97
26) 2-Nitrophenol	10.03	139	121732	54.127	ng		98
27) 2,4-Dimethylphenol	10.07	122	220179	54.832	ng		99
28) bis(2-Chloroethoxy)methane	10.32	93	289486	50.320	ng		96
29) 2,4-Dichlorophenol	10.56	162	228630	51.137	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	233410	48.007	ng		95
31) Naphthalene	10.97	128	692118	52.343	ng		99
32) Benzoic acid	10.19	122	116857	44.805	ng		98
33) 4-Chloroaniline	11.09	127	29876	4.809	ng		96
34) Hexachlorobutadiene	11.23	225	136487	47.365	ng		99
35) Caprolactam	11.87	113	63542m	35.436	ng		
36) 4-Chloro-3-methylphenol	12.19	107	251861	49.951	ng		98
37) 2-Methylnaphthalene	12.57	142	529882	54.974	ng		99
38) 1-Methylnaphthalene	12.79	142	504358	53.880	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	281751	49.180	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	324814	118.693	ng	96
43) 2,4,6-Trichlorophenol	13.17	196	199715	52.180	ng	100
44) 2,4,5-Trichlorophenol	13.24	196	216819	52.030	ng	98
46) 1,1'-Biphenyl	13.57	154	686690	46.684	ng	98
47) 2-Chloronaphthalene	13.62	162	544053	48.889	ng	97
48) 2-Nitroaniline	13.83	65	179552	53.206	ng	91
49) Acenaphthylene	14.46	152	879416	52.534	ng	99
50) Dimethylphthalate	14.18	163	687278	50.019	ng	99
51) 2,6-Dinitrotoluene	14.31	165	161223	53.040	ng	95
52) Acenaphthene	14.80	154	523305	50.759	ng	98
53) 3-Nitroaniline	14.65	138	77479	22.960	ng	95
54) 2,4-Dinitrophenol	14.85	184	108106	80.076	ng	97
55) Dibenzofuran	15.13	168	830937	48.646	ng	97
56) 4-Nitrophenol	14.94	139	290644	116.362	ng	98
57) 2,4-Dinitrotoluene	15.10	165	221186	55.434	ng	93
58) Fluorene	15.78	166	672944	52.609	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	182201	51.066	ng	98
60) Diethylphthalate	15.54	149	705321	49.999	ng	99
61) 4-Chlorophenyl-phenylether	15.76	204	358682	48.109	ng	99
62) 4-Nitroaniline	15.81	138	168607	50.284	ng	91
63) Azobenzene	16.06	77	663469	49.294	ng	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	104721	49.804	ng	97
66) n-Nitrosodiphenylamine	15.99	169	610993	51.088	ng	99
67) 4-Bromophenyl-phenylether	16.66	248	225519	51.651	ng	99
68) Hexachlorobenzene	16.78	284	227083	50.182	ng	98
69) Atrazine	16.93	200	227261	52.557	ng	100
70) Pentachlorophenol	17.12	266	253858	83.750	ng	98
71) Phenanthrene	17.53	178	1080340	53.464	ng	99
72) Anthracene	17.62	178	1089701	54.951	ng	97
73) Carbazole	17.89	167	992510	50.035	ng	99
74) Di-n-butylphthalate	18.42	149	1163488	52.727	ng	99
75) Fluoranthene	19.53	202	1224165	53.414	ng	98
77) Benzidine	19.71	184	163439	13.589	ng	97
78) Pyrene	19.90	202	1223224	52.900	ng	99
80) Butylbenzylphthalate	20.76	149	536184	56.658	ng	96
81) Benzo(a)anthracene	21.75	228	1145325	54.742	ng	97
82) 3,3'-Dichlorobenzidine	21.66	252	192571	23.746	ng	100
83) Chrysene	21.82	228	1070214	53.196	ng	98
84) Bis(2-ethylhexyl)phthalate	21.62	149	753272	56.786	ng	99
85) Di-n-octyl phthalate	22.86	149	1254607	58.001	ng	98
86) Indeno(1,2,3-cd)pyrene	28.93	276	1007286	46.681	ng	99
88) Benzo(b)fluoranthene	24.04	252	1100428	56.120	ng	98
89) Benzo(k)fluoranthene	24.11	252	1072992	55.853	ng	97
90) Benzo(a)pyrene	24.95	252	1073695	57.624	ng	99
91) Dibenzo(a,h)anthracene	29.00	278	785158	45.683	ng	98
92) Benzo(g,h,i)perylene	30.13	276	828369	47.639	ng	98

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

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