Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103118\
Data File : BG037690.D
Acq On : 31 Oct 2018 18:56
Operator : JU/SJ
Sample : J5737-02MSD
Misc :
ALS Vial : 10 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-AMSD

Manual Integrations APPROVED
Sohil
11/1/2018 10:43:51 AM

Quant Time: Nov 01 07:10:48 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	55831	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	247284	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	166817	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	396367	20.00	ng		0.00
76) Chrysene-d12	21.77	240	342739	20.00	ng		0.00
87) Perylene-d12	25.10	264	357966	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.65	112	383765	114.92	ng		0.00
7) Phenol-d6	7.24	99	515559	102.10	ng		0.00
23) Nitrobenzene-d5	9.28	82	358249	81.16	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	226506	124.49	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	841588	76.08	ng		-0.01
79) Terphenyl-d14	20.08	244	1272249	79.32	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.54	88	51253	30.264	ng	#	89
3) Pyridine	3.94	79	154372	36.166	ng		93
4) n-Nitrosodimethylamine	3.85	42	74618	49.079	ng	#	94
6) Aniline	7.43	93	79490	12.904	ng		96
8) 2-Chlorophenol	7.66	128	191499	49.018	ng		98
9) Benzaldehyde	7.24	77	150681	47.702	ng		96
10) Phenol	7.27	94	223945	42.032	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	181783	44.923	ng		97
12) 1,3-Dichlorobenzene	7.98	146	182528	41.968	ng		98
13) 1,4-Dichlorobenzene	8.14	146	184665	41.509	ng		100
14) 1,2-Dichlorobenzene	8.45	146	179983	42.057	ng		98
15) Benzyl Alcohol	8.34	79	178991	47.971	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	326785	45.133	ng		97
17) 2-Methylphenol	8.54	107	173006	49.116	ng		99
18) Hexachloroethane	9.18	117	65779	43.370	ng		95
19) n-Nitroso-di-n-propylamine	8.91	70	152979	43.994	ng		95
20) 3+4-Methylphenols	8.87	107	240142	47.684	ng		98
22) Acetophenone	8.93	105	290693	46.873	ng	#	96
24) Nitrobenzene	9.32	77	222689	48.561	ng		94
25) Isophorone	9.84	82	443076	54.934	ng		97
26) 2-Nitrophenol	10.03	139	111081	53.770	ng		98
27) 2,4-Dimethylphenol	10.08	122	204149	55.347	ng		99
28) bis(2-Chloroethoxy)methane	10.32	93	264461	50.045	ng		98
29) 2,4-Dichlorophenol	10.56	162	214051	52.120	ng		99
30) 1,2,4-Trichlorobenzene	10.78	180	199827	44.743	ng		95
31) Naphthalene	10.98	128	604412	49.762	ng		100
32) Benzoic acid	10.19	122	100938	42.132	ng		99
33) 4-Chloroaniline	11.08	127	15912	2.788	ng	#	90
34) Hexachlorobutadiene	11.23	225	117520	44.398	ng		95
35) Caprolactam	11.87	113	59645m	36.212	ng		
36) 4-Chloro-3-methylphenol	12.19	107	238164	51.422	ng		97
37) 2-Methylnaphthalene	12.57	142	462501	52.237	ng		99
38) 1-Methylnaphthalene	12.79	142	442091	51.415	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	236672	43.985	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	239938	93.352	ng		99
43) 2,4,6-Trichlorophenol	13.17	196	183395	51.017	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	202897	51.840	ng		96
46) 1,1'-Biphenyl	13.57	154	604027	43.722	ng		98
47) 2-Chloronaphthalene	13.62	162	480775	45.999	ng		99
48) 2-Nitroaniline	13.83	65	165000	52.058	ng		94
49) Acenaphthylene	14.47	152	790704	50.291	ng		98
50) Dimethylphthalate	14.18	163	634794	49.189	ng		99
51) 2,6-Dinitrotoluene	14.32	165	146065	51.163	ng		93
52) Acenaphthene	14.80	154	460049	47.511	ng		99
53) 3-Nitroaniline	14.65	138	39232	12.379	ng		88
54) 2,4-Dinitrophenol	14.85	184	74406	66.299	ng		97
55) Dibenzofuran	15.14	168	747405	46.588	ng		99
56) 4-Nitrophenol	14.94	139	276751	117.970	ng		99
57) 2,4-Dinitrotoluene	15.10	165	203951	54.423	ng	#	95
58) Fluorene	15.78	166	610601	50.825	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.35	232	172343	51.429	ng		99
60) Diethylphthalate	15.54	149	653975	49.359	ng		99
61) 4-Chlorophenyl-phenylether	15.77	204	323067	46.136	ng		98
62) 4-Nitroaniline	15.81	138	152617	48.461	ng		91
63) Azobenzene	16.06	77	613924	48.565	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	79441	39.932	ng		94
66) n-Nitrosodiphenylamine	15.99	169	558194	46.817	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	205290	47.163	ng		98
68) Hexachlorobenzene	16.77	284	204517	45.335	ng		100
69) Atrazine	16.93	200	209897	48.692	ng		99
70) Pentachlorophenol	17.12	266	214416	70.957	ng		97
71) Phenanthrene	17.53	178	990128	49.151	ng		99
72) Anthracene	17.61	178	1001044	50.637	ng		97
73) Carbazole	17.89	167	911265	46.082	ng		99
74) Di-n-butylphthalate	18.43	149	1090201	49.559	ng		100
75) Fluoranthene	19.53	202	1133207	49.598	ng		98
77) Benzidine	19.71	184	135072	11.590	ng		99
78) Pyrene	19.89	202	1134293	50.626	ng		99
80) Butylbenzylphthalate	20.76	149	494195	53.895	ng		96
81) Benzo(a)anthracene	21.75	228	1054830	52.032	ng		99
82) 3,3'-Dichlorobenzidine	21.66	252	118582	15.091	ng		99
83) Chrysene	21.82	228	990702	50.822	ng		99
84) Bis(2-ethylhexyl)phthalate	21.62	149	683940	53.212	ng		97
85) Di-n-octyl phthalate	22.87	149	1149841	54.861	ng		98
86) Indeno(1,2,3-cd)pyrene	28.91	276	964555	46.133	ng		96
88) Benzo(b)fluoranthene	24.03	252	1007375	51.331	ng		99
89) Benzo(k)fluoranthene	24.11	252	1029892	53.564	ng		98
90) Benzo(a)pyrene	24.94	252	982259	52.673	ng		99
91) Dibenzo(a,h)anthracene	29.00	278	783511	45.549	ng		98
92) Benzo(g,h,i)perylene	30.13	276	767997	44.130	ng		99

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

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