Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110518\
Data File : BG037817.D
Acq On : 6 Nov 2018 00:17
Operator : JU/SJ
Sample : J5771-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
EO-01-110218-AMSD

Manual Integrations APPROVED
Sohil
11/6/2018 1:21:50 PM

Quant Time: Nov 06 05:42:41 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	8.09	152	55782	20.00	ng	-0.01
21) Naphthalene-d8	10.91	136	250701	20.00	ng	-0.01
39) Acenaphthene-d10	14.73	164	167745	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	375115	20.00	ng	0.00
76) Chrysene-d12	21.76	240	333506	20.00	ng	-0.01
87) Perylene-d12	25.09	264	339805	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	374708	112.30	ng	0.00
7) Phenol-d6	7.24	99	496878	98.48	ng	0.00
23) Nitrobenzene-d5	9.28	82	359382	80.30	ng	0.00
42) 2,4,6-Tribromophenol	16.22	330	225694	123.36	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	873434	78.52	ng	-0.01
79) Terphenyl-d14	20.07	244	1275723	81.74	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.54	88	51407	30.381	ng	# 87
3) Pyridine	3.94	79	145114	34.027	ng	95
4) n-Nitrosodimethylamine	3.85	42	69045	45.453	ng	93
6) Aniline	7.42	93	85569	13.903	ng	96
8) 2-Chlorophenol	7.65	128	182043	46.639	ng	100
9) Benzaldehyde	7.24	77	116768	36.999	ng	95
10) Phenol	7.27	94	209354	39.328	ng	98
11) bis(2-Chloroethyl)ether	7.51	93	180173	44.564	ng	96
12) 1,3-Dichlorobenzene	7.98	146	188060	43.278	ng	99
13) 1,4-Dichlorobenzene	8.13	146	188497	42.407	ng	98
14) 1,2-Dichlorobenzene	8.45	146	181777	42.514	ng	98
15) Benzyl Alcohol	8.34	79	161303	43.269	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.62	45	315831	43.658	ng	97
17) 2-Methylphenol	8.53	107	165606	47.056	ng	99
18) Hexachloroethane	9.18	117	68667	45.314	ng	94
19) n-Nitroso-di-n-propylamine	8.90	70	148143	42.641	ng	92
20) 3+4-Methylphenols	8.86	107	228073	45.327	ng	97
22) Acetophenone	8.93	105	286030	45.492	ng	# 95
24) Nitrobenzene	9.32	77	221448	47.632	ng	97
25) Isophorone	9.83	82	432180	52.853	ng	96
26) 2-Nitrophenol	10.03	139	110024	52.532	ng	98
27) 2,4-Dimethylphenol	10.07	122	199728	53.410	ng	96
28) bis(2-Chloroethoxy)methane	10.32	93	264143	49.304	ng	98
29) 2,4-Dichlorophenol	10.56	162	212395	51.012	ng	98
30) 1,2,4-Trichlorobenzene	10.77	180	209124	46.187	ng	97
31) Naphthalene	10.97	128	606325	49.239	ng	99
32) Benzoic acid	10.19	122	81313m	33.478	ng	
33) 4-Chloroaniline	11.09	127	21960	3.796	ng	# 89
34) Hexachlorobutadiene	11.23	225	125005	46.582	ng	98
35) Caprolactam	11.86	113	57303m	34.316	ng	
36) 4-Chloro-3-methylphenol	12.18	107	228193	48.597	ng	99
37) 2-Methylnaphthalene	12.57	142	474191	52.827	ng	99
38) 1-Methylnaphthalene	12.78	142	456425	52.359	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	255564	47.233	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.89	237	277681	107.439	ng		98
43) 2,4,6-Trichlorophenol	13.17	196	182933	50.607	ng		99
44) 2,4,5-Trichlorophenol	13.24	196	202115	51.355	ng		99
46) 1,1'-Biphenyl	13.56	154	618046	44.489	ng		98
47) 2-Chloronaphthalene	13.61	162	489971	46.619	ng		98
48) 2-Nitroaniline	13.82	65	158860	49.843	ng		93
49) Acenaphthylene	14.46	152	804473	50.884	ng		99
50) Dimethylphthalate	14.18	163	631699	48.678	ng		99
51) 2,6-Dinitrotoluene	14.31	165	146381	50.990	ng		94
52) Acenaphthene	14.79	154	477469	49.037	ng		98
53) 3-Nitroaniline	14.64	138	51297	16.096	ng	#	96
54) 2,4-Dinitrophenol	14.85	184	50340	51.893	ng		99
55) Dibenzofuran	15.13	168	764720	47.403	ng		98
56) 4-Nitrophenol	14.94	139	233527	98.994	ng		96
57) 2,4-Dinitrotoluene	15.09	165	203204	53.923	ng		96
58) Fluorene	15.77	166	617150	51.086	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.35	232	169672	50.352	ng		99
60) Diethylphthalate	15.53	149	644003	48.338	ng		97
61) 4-Chlorophenyl-phenylether	15.76	204	328713	46.683	ng		98
62) 4-Nitroaniline	15.81	138	147393	46.543	ng		93
63) Azobenzene	16.06	77	598563	47.088	ng		98
65) 4,6-Dinitro-2-methylphenol	15.86	198	66066	36.121	ng		95
66) n-Nitrosodiphenylamine	15.98	169	565331	50.102	ng		99
67) 4-Bromophenyl-phenylether	16.66	248	208828	50.694	ng		98
68) Hexachlorobenzene	16.77	284	208736	48.891	ng		97
69) Atrazine	16.93	200	207515	50.867	ng		99
70) Pentachlorophenol	17.12	266	171233	59.877	ng		98
71) Phenanthrene	17.52	178	980324	51.421	ng		99
72) Anthracene	17.61	178	993285	53.091	ng		98
73) Carbazole	17.88	167	898931	48.033	ng		99
74) Di-n-butylphthalate	18.42	149	1057435	50.793	ng		99
75) Fluoranthene	19.52	202	1107809	51.233	ng		98
77) Benzidine	19.71	184	76987	6.789	ng		96
78) Pyrene	19.89	202	1116858	51.228	ng		99
80) Butylbenzylphthalate	20.76	149	480811	53.887	ng		99
81) Benzo(a)anthracene	21.74	228	1057686	53.617	ng		97
82) 3,3'-Dichlorobenzidine	21.66	252	120975	15.822	ng		98
83) Chrysene	21.81	228	998364	52.633	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	686563	54.895	ng		99
85) Di-n-octyl phthalate	22.85	149	1152964	56.533	ng		98
86) Indeno(1,2,3-cd)pyrene	28.91	276	958449	47.110	ng	#	91
88) Benzo(b)fluoranthene	24.03	252	1005121	53.954	ng		99
89) Benzo(k)fluoranthene	24.10	252	1069908	58.619	ng		97
90) Benzo(a)pyrene	24.93	252	1003640	56.696	ng		99
91) Dibenzo(a,h)anthracene	28.98	278	698425	42.772	ng		98
92) Benzo(g,h,i)perylene	30.11	276	740635	44.832	ng		97

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

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