Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111418\
Data File : BG037999.D
Acq On : 14 Nov 2018 16:22
Operator : JU/SJ
Sample : J5925-04MS
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-1SMS

Manual Integrations APPROVED
Sohil
11/15/2018 11:05:18 AM

Quant Time: Nov 14 18:03:54 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG111318.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 13 16:39:28 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	52761	20.00	ng	0.00
21) Naphthalene-d8	10.90	136	223234	20.00	ng	0.00
39) Acenaphthene-d10	14.72	164	142453	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	330796	20.00	ng	0.00
76) Chrysene-d12	21.75	240	305357	20.00	ng	0.00
87) Perylene-d12	25.07	264	325512	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	357073	116.85	ng	0.00
7) Phenol-d6	7.23	99	461207	105.73	ng	0.00
23) Nitrobenzene-d5	9.26	82	333487	79.97	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	199533	122.82	ng	0.00
45) 2-Fluorobiphenyl	13.34	172	730525	74.71	ng	0.00
79) Terphenyl-d14	20.07	244	1153654	88.90	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	47180	32.687	ng	# 19
3) Pyridine	3.93	79	132784	32.249	ng	97
4) n-Nitrosodimethylamine	3.85	42	63449	42.476	ng	92
6) Aniline	7.41	93	172768	30.688	ng	98
8) 2-Chlorophenol	7.65	128	156915	44.254	ng	98
9) Benzaldehyde	7.23	77	90149	28.578	ng	97
10) Phenol	7.26	94	177594	38.437	ng	99
11) bis(2-Chloroethyl)ether	7.51	93	155067	41.110	ng	97
12) 1,3-Dichlorobenzene	7.97	146	160212	39.221	ng	99
13) 1,4-Dichlorobenzene	8.12	146	164099	39.769	ng	98
14) 1,2-Dichlorobenzene	8.44	146	155785	39.544	ng	96
15) Benzyl Alcohol	8.32	79	140395	44.481	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.60	45	288997	41.261	ng	98
17) 2-Methylphenol	8.52	107	137065	43.879	ng	99
18) Hexachloroethane	9.17	117	58643	39.050	ng	96
19) n-Nitroso-di-n-propylamine	8.89	70	127677	40.452	ng	97
20) 3+4-Methylphenols	8.85	107	187509	42.344	ng	99
22) Acetophenone	8.92	105	242316	43.628	ng	# 99
24) Nitrobenzene	9.31	77	186213	43.651	ng	95
25) Isophorone	9.82	82	361990	48.227	ng	98
26) 2-Nitrophenol	10.02	139	91022	42.740	ng	99
27) 2,4-Dimethylphenol	10.06	122	163705	51.018	ng	98
28) bis(2-Chloroethoxy)methane	10.30	93	219548	45.742	ng	97
29) 2,4-Dichlorophenol	10.54	162	167235	46.335	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	167936	41.522	ng	98
31) Naphthalene	10.96	128	500705	45.602	ng	99
32) Benzoic acid	10.19	122	76950	40.007	ng	98
33) 4-Chloroaniline	11.07	127	59191	11.589	ng	99
34) Hexachlorobutadiene	11.22	225	98874	39.722	ng	99
35) Caprolactam	11.86	113	46161m	31.953	ng	
36) 4-Chloro-3-methylphenol	12.17	107	182468	46.275	ng	99
37) 2-Methylnaphthalene	12.55	142	372994	47.293	ng	99
38) 1-Methylnaphthalene	12.77	142	355740	46.860	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	188740	39.650	ng	98

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	217118	85.180 ng	99
43) 2,4,6-Trichlorophenol	13.15	196	140893	43.436 ng	98
44) 2,4,5-Trichlorophenol	13.22	196	151821	44.483 ng	98
46) 1,1'-Biphenyl	13.55	154	474892	39.681 ng	98
47) 2-Chloronaphthalene	13.61	162	379996	41.610 ng	98
48) 2-Nitroaniline	13.81	65	128543	44.723 ng	92
49) Acenaphthylene	14.45	152	637163	46.396 ng	99
50) Dimethylphthalate	14.17	163	503691	44.601 ng	99
51) 2,6-Dinitrotoluene	14.30	165	116044	45.401 ng	97
52) Acenaphthene	14.79	154	368950	44.626 ng	98
53) 3-Nitroaniline	14.63	138	73671	26.121 ng	96
54) 2,4-Dinitrophenol	14.84	184	117928	84.851 ng	91
55) Dibenzofuran	15.12	168	592627	43.350 ng	99
56) 4-Nitrophenol	14.93	139	171649	78.910 ng	98
57) 2,4-Dinitrotoluene	15.09	165	164054	47.174 ng	97
58) Fluorene	15.77	166	474832	46.552 ng	99
59) 2,3,4,6-Tetrachlorophenol	15.34	232	134678	47.158 ng	99
60) Diethylphthalate	15.53	149	522319	43.544 ng	100
61) 4-Chlorophenyl-phenylether	15.75	204	248214	41.588 ng	99
62) 4-Nitroaniline	15.80	138	128190	45.752 ng	91
63) Azobenzene	16.04	77	471037	43.919 ng	99
65) 4,6-Dinitro-2-methylphenol	15.84	198	86583	41.382 ng	98
66) n-Nitrosodiphenylamine	15.97	169	437163	43.684 ng	99
67) 4-Bromophenyl-phenylether	16.65	248	158347	43.612 ng	99
68) Hexachlorobenzene	16.76	284	159936	42.676 ng	97
69) Atrazine	16.91	200	164700	44.645 ng	97
70) Pentachlorophenol	17.11	266	186348	73.213 ng	96
71) Phenanthrene	17.51	178	798171	47.128 ng	100
72) Anthracene	17.60	178	813230	48.712 ng	99
73) Carbazole	17.88	167	744542	44.451 ng	100
74) Di-n-butylphthalate	18.41	149	875666	46.572 ng	100
75) Fluoranthene	19.52	202	936174	48.449 ng	99
77) Benzidine	19.70	184	176574	16.480 ng	99
78) Pyrene	19.88	202	944206	47.294 ng	99
80) Butylbenzylphthalate	20.75	149	404361	46.314 ng	95
81) Benzo(a)anthracene	21.73	228	883683	47.888 ng	99
82) 3,3'-Dichlorobenzidine	21.64	252	199983	27.821 ng	99
83) Chrysene	21.80	228	822281	46.574 ng	100
84) Bis(2-ethylhexyl)phthalate	21.60	149	569748	45.759 ng	98
85) Di-n-octyl phthalate	22.84	149	972956	48.302 ng	99
86) Indeno(1,2,3-cd)pyrene	28.88	276	988511	50.411 ng	100
88) Benzo(b)fluoranthene	24.01	252	860582	48.042 ng	100
89) Benzo(k)fluoranthene	24.08	252	856936	48.481 ng	98
90) Benzo(a)pyrene	24.92	252	848299	49.553 ng	98
91) Dibenzo(a,h)anthracene	28.95	278	814160	49.428 ng	97
92) Benzo(g,h,i)perylene	30.09	276	810366	49.479 ng	98

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

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