Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112718\
Data File : BG038177.D
Acq On : 27 Nov 2018 21:36
Operator : JU/SJ
Sample : J5770-06MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : OR-02-112118-AMSD

Manual Integrations APPROVED
mohammad
11/28/2018 4:57:35 PM

Quant Time: Nov 28 05:00:48 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	46106	20.00	ng	0.00
21) Naphthalene-d8	10.91	136	193989	20.00	ng	0.00
39) Acenaphthene-d10	14.73	164	119418	20.00	ng	0.00
64) Phenanthrene-d10	17.47	188	273331	20.00	ng	0.00
76) Chrysene-d12	21.76	240	251265	20.00	ng	0.00
87) Perylene-d12	25.09	264	265655	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.64	112	311459	116.63	ng	0.00
7) Phenol-d6	7.24	99	393129	103.13	ng	0.01
23) Nitrobenzene-d5	9.27	82	302777	83.55	ng	0.00
42) 2,4,6-Tribromophenol	16.21	330	170513	125.20	ng	0.00
45) 2-Fluorobiphenyl	13.35	172	611160	74.56	ng	0.00
79) Terphenyl-d14	20.07	244	1009727	94.56	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	44493	35.275	ng	# 33
3) Pyridine	3.94	79	127699	35.491	ng	94
4) n-Nitrosodimethylamine	3.85	42	71442	54.730	ng	86
6) Aniline	7.42	93	58683	11.928	ng	99
8) 2-Chlorophenol	7.65	128	157300	50.766	ng	98
9) Benzaldehyde	7.23	77	59932	21.741	ng	99
10) Phenol	7.27	94	173448	42.959	ng	93
11) bis(2-Chloroethyl)ether	7.51	93	158409	48.058	ng	97
12) 1,3-Dichlorobenzene	7.98	146	155966	43.693	ng	99
13) 1,4-Dichlorobenzene	8.12	146	160512	44.514	ng	99
14) 1,2-Dichlorobenzene	8.44	146	154156	44.779	ng	98
15) Benzyl Alcohol	8.33	79	140650	50.993	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.61	45	319122	52.138	ng	98
17) 2-Methylphenol	8.53	107	137957	50.539	ng	97
18) Hexachloroethane	9.17	117	59712	45.502	ng	97
19) n-Nitroso-di-n-propylamine	8.89	70	127971	46.397	ng	96
20) 3+4-Methylphenols	8.85	107	186268	48.136	ng	96
22) Acetophenone	8.92	105	236223	48.942	ng	96
24) Nitrobenzene	9.31	77	193706	52.252	ng	97
25) Isophorone	9.82	82	360068	55.202	ng	98
26) 2-Nitrophenol	10.02	139	93731	50.647	ng	96
27) 2,4-Dimethylphenol	10.06	122	157496	56.483	ng	99
28) bis(2-Chloroethoxy)methane	10.30	93	216409	51.885	ng	95
29) 2,4-Dichlorophenol	10.55	162	165373	52.727	ng	99
30) 1,2,4-Trichlorobenzene	10.76	180	165192	47.001	ng	96
31) Naphthalene	10.96	128	489325	51.285	ng	99
32) Benzoic acid	10.20	122	68213m	40.564	ng	
33) 4-Chloroaniline	11.08	127	11673	2.630	ng	97
34) Hexachlorobutadiene	11.22	225	99560	46.027	ng	99
35) Caprolactam	11.87	113	43401m	34.571	ng	
36) 4-Chloro-3-methylphenol	12.18	107	182462	53.249	ng	96
37) 2-Methylnaphthalene	12.55	142	358628	52.327	ng	96
38) 1-Methylnaphthalene	12.78	142	344885	52.279	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.92	216	186449	46.724	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	182923	85.607	ng		99
43) 2,4,6-Trichlorophenol	13.16	196	139290	51.225	ng		99
44) 2,4,5-Trichlorophenol	13.23	196	148454	51.887	ng		96
46) 1,1'-Biphenyl	13.56	154	462573	46.108	ng		98
47) 2-Chloronaphthalene	13.61	162	366952	47.932	ng		99
48) 2-Nitroaniline	13.82	65	133489	55.403	ng		99
49) Acenaphthylene	14.45	152	607256	52.748	ng		99
50) Dimethylphthalate	14.17	163	485072	51.237	ng		99
51) 2,6-Dinitrotoluene	14.30	165	112977	52.727	ng		97
52) Acenaphthene	14.79	154	350760	50.610	ng		99
53) 3-Nitroaniline	14.64	138	21317	9.016	ng	#	93
54) 2,4-Dinitrophenol	14.84	184	38287	38.550	ng		87
55) Dibenzofuran	15.12	168	564868	49.290	ng		95
56) 4-Nitrophenol	14.94	139	146308	80.234	ng		86
57) 2,4-Dinitrotoluene	15.09	165	156836	53.798	ng		97
58) Fluorene	15.77	166	458253	53.593	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.34	232	128479	53.665	ng		97
60) Diethylphthalate	15.53	149	503628	50.085	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	242654	48.499	ng		97
62) 4-Nitroaniline	15.81	138	117296	49.939	ng		96
63) Azobenzene	16.05	77	462108	51.398	ng		96
65) 4,6-Dinitro-2-methylphenol	15.85	198	47258	27.335	ng		98
66) n-Nitrosodiphenylamine	15.97	169	420665	50.872	ng		99
67) 4-Bromophenyl-phenylether	16.65	248	154027	51.341	ng		99
68) Hexachlorobenzene	16.77	284	157485	50.857	ng		100
69) Atrazine	16.92	200	159153	52.211	ng		98
70) Pentachlorophenol	17.11	266	141709	67.380	ng		93
71) Phenanthrene	17.52	178	760631	54.353	ng		100
72) Anthracene	17.61	178	769586	55.789	ng		98
73) Carbazole	17.88	167	708137	51.166	ng		99
74) Di-n-butylphthalate	18.41	149	840485	54.099	ng		99
75) Fluoranthene	19.52	202	894424	56.019	ng		99
77) Benzidine	19.70	184	78686	8.925	ng		97
78) Pyrene	19.89	202	904132	55.036	ng		99
80) Butylbenzylphthalate	20.76	149	392974	54.700	ng		98
81) Benzo(a)anthracene	21.74	228	847099	55.788	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	98796	16.703	ng		99
83) Chrysene	21.81	228	795296	54.742	ng		99
84) Bis(2-ethylhexyl)phthalate	21.61	149	546810	53.372	ng		100
85) Di-n-octyl phthalate	22.85	149	926435	55.894	ng		98
86) Indeno(1,2,3-cd)pyrene	28.91	276	854152	52.937	ng		98
88) Benzo(b)fluoranthene	24.02	252	832288	56.931	ng		99
89) Benzo(k)fluoranthene	24.09	252	820707	56.893	ng		98
90) Benzo(a)pyrene	24.93	252	809848	57.966	ng		98
91) Dibenzo(a,h)anthracene	28.98	278	724100	53.865	ng		98
92) Benzo(g,h,i)perylene	30.10	276	673558	50.392	ng		99

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

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