Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
Data File : BG037146.D
Acq On : 4 Oct 2018 4:56
Operator : JU/SJ
Sample : J5194-02MSD
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
HR-06-100218-AMSD

Manual Integrations APPROVED
Sohil
10/4/2018 12:59:29 PM

Quant Time: Oct 04 05:55:56 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	49069	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	200192	20.00	ng	-0.01
38) Acenaphthene-d10	14.66	164	128210	20.00	ng	-0.01
63) Phenanthrene-d10	17.41	188	321313	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	324380	20.00	ng	-0.01
86) Perylene-d12	24.87	264	335518	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	308484	120.57	ng	0.00
7) Phenol-d6	7.20	99	384464	97.12	ng	-0.01
23) Nitrobenzene-d5	9.20	82	307856	82.35	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	183913	119.89	ng	-0.01
44) 2-Fluorobiphenyl	13.28	172	629535	73.13	ng	-0.02
78) Terphenyl-d14	20.02	244	1125829	91.26	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	49492	42.272	ng	# 89
3) Pyridine	3.93	79	115276	34.100	ng	99
4) n-Nitrosodimethylamine	3.84	42	70821	47.135	ng	# 98
6) Aniline	7.37	93	67550	13.151	ng	93
8) 2-Chlorophenol	7.60	128	138025	46.459	ng	94
9) Benzaldehyde	7.18	77	70933	27.117	ng	96
10) Phenol	7.23	94	159395	39.015	ng	97
11) bis(2-Chloroethyl)ether	7.46	93	145320	38.453	ng	100
12) 1,3-Dichlorobenzene	7.92	146	146908	40.334	ng	96
13) 1,4-Dichlorobenzene	8.07	146	147744	39.638	ng	100
14) 1,2-Dichlorobenzene	8.39	146	142409	39.426	ng	97
15) Benzyl Alcohol	8.28	79	121728	37.897	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	287920	39.683	ng	97
17) 2-Methylphenol	8.48	107	114470	40.224	ng	96
18) Hexachloroethane	9.12	117	57947	42.246	ng	94
19) n-Nitroso-di-n-propylamine	8.84	70	122489	37.195	ng	96
20) 3+4-Methylphenols	8.81	107	156387	39.501	ng	96
22) Acetophenone	8.86	105	224946	47.815	ng	# 99
24) Nitrobenzene	9.24	77	179628	44.995	ng	99
25) Isophorone	9.76	82	339866	49.755	ng	99
26) 2-Nitrophenol	9.96	139	74929	47.088	ng	96
27) 2,4-Dimethylphenol	10.01	122	126990	51.232	ng	99
28) bis(2-Chloroethoxy)methane	10.24	93	193929	46.010	ng	99
29) 2,4-Dichlorophenol	10.49	162	136239	47.414	ng	96
30) 1,2,4-Trichlorobenzene	10.70	180	152668	42.456	ng	99
31) Naphthalene	10.89	128	457057	47.983	ng	99
32) Benzoic acid	10.15	122	28207m	18.871	ng	
33) 4-Chloroaniline	11.01	127	12591	2.907	ng	# 94
34) Hexachlorobutadiene	11.17	225	102712	41.304	ng	98
35) Caprolactam	11.78	113	38339m	32.418	ng	
36) 4-Chloro-3-methylphenol	12.12	107	157924	46.061	ng	98
37) 2-Methylnaphthalene	12.49	142	339868	46.848	ng	96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	186763	41.765	ng	98
40) Hexachlorocyclopentadiene	12.84	237	200324	87.104	ng	98

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 24 10:41:23 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	114535	46.124	ng		96
43) 2,4,5-Trichlorophenol	13.17	196	126538	47.789	ng		98
45) 1,1'-Biphenyl	13.49	154	431956	43.991	ng		98
46) 2-Chloronaphthalene	13.54	162	336141	43.531	ng		99
47) 2-Nitroaniline	13.75	65	124420	46.584	ng		97
48) Acenaphthylene	14.39	152	577572	47.732	ng		98
49) Dimethylphthalate	14.12	163	487775	47.265	ng		99
50) 2,6-Dinitrotoluene	14.24	165	101847	45.232	ng		94
51) Acenaphthene	14.73	154	328052	44.858	ng		98
52) 3-Nitroaniline	14.57	138	30338	12.786	ng		95
53) 2,4-Dinitrophenol	14.78	184	37866	40.102	ng		87
54) Dibenzofuran	15.06	168	548843	44.369	ng		99
55) 4-Nitrophenol	14.88	139	122450	80.784	ng		98
56) 2,4-Dinitrotoluene	15.03	165	145953	46.454	ng		93
57) Fluorene	15.71	166	447118	48.360	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	129023	48.034	ng		99
59) Diethylphthalate	15.47	149	468029	44.965	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	245766	41.974	ng		98
61) 4-Nitroaniline	15.74	138	110476	44.266	ng		94
62) Azobenzene	16.00	77	473809	47.374	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	55477	33.025	ng		98
65) n-Nitrosodiphenylamine	15.91	169	403204	45.454	ng		99
66) 4-Bromophenyl-phenylether	16.60	248	158535	43.378	ng		99
67) Hexachlorobenzene	16.71	284	159728	42.434	ng		98
68) Atrazine	16.86	200	170380	47.437	ng		99
69) Pentachlorophenol	17.06	266	155980	65.817	ng		99
70) Phenanthrene	17.45	178	751686	48.546	ng		98
71) Anthracene	17.54	178	769170	50.238	ng		99
72) Carbazole	17.81	167	681453	45.650	ng		99
73) Di-n-butylphthalate	18.36	149	808232	48.753	ng		99
74) Fluoranthene	19.46	202	911026	48.879	ng		99
76) Benzidine	19.65	184	62471	6.371	ng	#	95
77) Pyrene	19.82	202	914761	46.994	ng		99
79) Butylbenzylphthalate	20.70	149	385756	49.719	ng		97
80) Benzo(a)anthracene	21.65	228	888735	46.935	ng		100
81) 3,3'-Dichlorobenzidine	21.57	252	130517	18.108	ng		98
82) Chrysene	21.73	228	851721	46.553	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	527624	48.679	ng		99
84) Di-n-octyl phthalate	22.76	149	884875	49.584	ng		98
85) Indeno(1,2,3-cd)pyrene	28.52	276	985970	50.185	ng	#	92
87) Benzo(b)fluoranthene	23.86	252	863077	48.269	ng		98
88) Benzo(k)fluoranthene	23.93	252	864059	48.167	ng		100
89) Benzo(a)pyrene	24.72	252	856805	49.565	ng		99
90) Dibenzo(a,h)anthracene	28.58	278	794708	49.053	ng		99
91) Benzo(g,h,i)perylene	29.66	276	794821	48.883	ng		98

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

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