Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100418\
Data File : BG037145.D
Acq On : 4 Oct 2018 4:17
Operator : JU/SJ
Sample : J5194-02MS
Misc :
ALS Vial : 13 Sample Multiplier: 1

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

Manual Integrations APPROVED
Sohil
10/4/2018 12:59:26 PM

Quant Time: Oct 04 05:54:25 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	46215	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	188615	20.00	ng		-0.02
38) Acenaphthene-d10	14.66	164	121399	20.00	ng		0.00
63) Phenanthrene-d10	17.41	188	321685	20.00	ng		0.00
75) Chrysene-d12	21.67	240	339561	20.00	ng		-0.02
86) Perylene-d12	24.88	264	352862	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	292828	121.51	ng		0.00
7) Phenol-d6	7.20	99	366704	98.35	ng		0.00
23) Nitrobenzene-d5	9.20	82	292973	83.18	ng		0.00
41) 2,4,6-Tribromophenol	16.15	330	175841	121.06	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	578334	70.95	ng		-0.02
78) Terphenyl-d14	20.01	244	1132448	87.69	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	47970	43.503	ng	#	86
3) Pyridine	3.93	79	116512	36.594	ng		99
4) n-Nitrosodimethylamine	3.84	42	71211	50.322	ng	#	98
6) Aniline	7.37	93	75555	15.618	ng		98
8) 2-Chlorophenol	7.60	128	128337	45.866	ng		91
9) Benzaldehyde	7.18	77	64293	26.097	ng		95
10) Phenol	7.23	94	144619	37.584	ng		99
11) bis(2-Chloroethyl)ether	7.46	93	129233	36.308	ng		99
12) 1,3-Dichlorobenzene	7.93	146	139497	40.665	ng		98
13) 1,4-Dichlorobenzene	8.07	146	138874	39.559	ng		99
14) 1,2-Dichlorobenzene	8.39	146	136138	40.018	ng		95
15) Benzyl Alcohol	8.28	79	111318	36.796	ng		94
16) 2,2'-oxybis(1-Chloropropan	8.56	45	279954	40.968	ng		99
17) 2-Methylphenol	8.48	107	106689	39.805	ng		95
18) Hexachloroethane	9.12	117	56409	43.664	ng		98
19) n-Nitroso-di-n-propylamine	8.84	70	114688	36.977	ng		94
20) 3+4-Methylphenols	8.81	107	150403	40.336	ng		98
22) Acetophenone	8.86	105	208527	47.046	ng	#	96
24) Nitrobenzene	9.24	77	169168	44.976	ng		97
25) Isophorone	9.76	82	321111	49.895	ng		99
26) 2-Nitrophenol	9.95	139	69946	46.654	ng		98
27) 2,4-Dimethylphenol	10.01	122	121897	52.196	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	182999	46.082	ng		97
29) 2,4-Dichlorophenol	10.49	162	126112	46.583	ng		97
30) 1,2,4-Trichlorobenzene	10.70	180	141894	41.882	ng		100
31) Naphthalene	10.89	128	424576	47.309	ng		99
32) Benzoic acid	10.01	122	121897	65.686	ng	#	14
33) 4-Chloroaniline	11.02	127	12420	3.044	ng		96
34) Hexachlorobutadiene	11.17	225	96880	41.350	ng		95
35) Caprolactam	11.78	113	36304m	32.581	ng		
36) 4-Chloro-3-methylphenol	12.12	107	150515	46.595	ng		99
37) 2-Methylnaphthalene	12.49	142	318491	46.596	ng		97
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	175387	41.422	ng		98
40) Hexachlorocyclopentadiene	12.84	237	181328	83.268	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	109105	46.403	ng		93
43) 2,4,5-Trichlorophenol	13.17	196	116561	46.491	ng		97
45) 1,1'-Biphenyl	13.50	154	410224	44.122	ng		98
46) 2-Chloronaphthalene	13.54	162	316249	43.253	ng		99
47) 2-Nitroaniline	13.75	65	119011	47.059	ng		97
48) Acenaphthylene	14.39	152	547540	47.789	ng		99
49) Dimethylphthalate	14.12	163	433773	44.390	ng		98
50) 2,6-Dinitrotoluene	14.24	165	96203	45.123	ng		100
51) Acenaphthene	14.73	154	317352	45.830	ng		98
52) 3-Nitroaniline	14.58	138	29033	12.923	ng	#	96
53) 2,4-Dinitrophenol	14.78	184	27916	32.917	ng		87
54) Dibenzofuran	15.06	168	520635	44.450	ng		99
55) 4-Nitrophenol	14.88	139	113595	79.147	ng		96
56) 2,4-Dinitrotoluene	15.03	165	137493	46.216	ng		93
57) Fluorene	15.71	166	425476	48.601	ng		97
58) 2,3,4,6-Tetrachlorophenol	15.29	232	118918	46.756	ng		99
59) Diethylphthalate	15.48	149	448080	45.463	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	233488	42.114	ng		98
61) 4-Nitroaniline	15.73	138	102372	43.320	ng		98
62) Azobenzene	15.99	77	454486	47.992	ng		98
64) 4,6-Dinitro-2-methylphenol	15.79	198	42626	25.345	ng		94
65) n-Nitrosodiphenylamine	15.92	169	383855	43.223	ng		98
66) 4-Bromophenyl-phenylether	16.60	248	149993	40.993	ng		98
67) Hexachlorobenzene	16.72	284	153932	40.847	ng		99
68) Atrazine	16.86	200	163454	45.456	ng		100
69) Pentachlorophenol	17.06	266	122940	51.815	ng		98
70) Phenanthrene	17.45	178	730013	47.092	ng		98
71) Anthracene	17.54	178	753565	49.161	ng		99
72) Carbazole	17.81	167	668103	44.704	ng		98
73) Di-n-butylphthalate	18.36	149	794572	47.874	ng		99
74) Fluoranthene	19.46	202	909233	48.727	ng		99
76) Benzidine	19.64	184	124023	12.082	ng		96
77) Pyrene	19.82	202	909883	44.654	ng		100
79) Butylbenzylphthalate	20.70	149	387109	47.662	ng		97
80) Benzo(a)anthracene	21.66	228	907234	45.770	ng		99
81) 3,3'-Dichlorobenzidine	21.57	252	132979	17.625	ng		99
82) Chrysene	21.72	228	864933	45.162	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	533780	47.045	ng		99
84) Di-n-octyl phthalate	22.76	149	904306	48.408	ng		99
85) Indeno(1,2,3-cd)pyrene	28.53	276	1005328	48.883	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	891283	47.396	ng		97
88) Benzo(k)fluoranthene	23.93	252	871433	46.190	ng		98
89) Benzo(a)pyrene	24.73	252	873729	48.060	ng		99
90) Dibenzo(a,h)anthracene	28.58	278	814802	47.821	ng		99
91) Benzo(g,h,i)perylene	29.67	276	834628	48.808	ng		99

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

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