Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG100618\
Data File : BG037202.D
Acq On : 5 Oct 2018 23:36
Operator : JU/SJ
Sample : J5199-02MSD
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OK-01-100318MSD

Manual Integrations APPROVED
Sohil
10/8/2018 1:56:17 PM

Quant Time: Oct 06 05:25:08 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	8.03	152	38416	20.00	ng		-0.01
21) Naphthalene-d8	10.84	136	166636	20.00	ng		-0.02
38) Acenaphthene-d10	14.65	164	115698	20.00	ng		-0.02
63) Phenanthrene-d10	17.40	188	296273	20.00	ng		-0.01
75) Chrysene-d12	21.67	240	292989	20.00	ng		-0.02
86) Perylene-d12	24.87	264	302988	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	264614	132.10	ng		-0.01
7) Phenol-d6	7.20	99	361100	116.51	ng		-0.01
23) Nitrobenzene-d5	9.20	82	273581	87.92	ng		-0.01
41) 2,4,6-Tribromophenol	16.15	330	180272	130.23	ng		-0.02
44) 2-Fluorobiphenyl	13.28	172	590185	75.97	ng		-0.02
78) Terphenyl-d14	20.01	244	1057900	94.94	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	42318	46.168	ng	#	85
3) Pyridine	3.92	79	107698	40.693	ng		98
4) n-Nitrosodimethylamine	3.83	42	64605	54.922	ng	#	98
6) Aniline	7.36	93	61234	15.227	ng		97
8) 2-Chlorophenol	7.60	128	127723	54.913	ng		95
9) Benzaldehyde	7.17	77	84898	41.456	ng		95
10) Phenol	7.22	94	159342	49.817	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	129726	43.846	ng		99
12) 1,3-Dichlorobenzene	7.92	146	131990	46.288	ng		100
13) 1,4-Dichlorobenzene	8.06	146	130017	44.555	ng		95
14) 1,2-Dichlorobenzene	8.39	146	130385	46.107	ng		98
15) Benzyl Alcohol	8.27	79	125859	50.049	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	269882	47.512	ng		98
17) 2-Methylphenol	8.47	107	118236	53.068	ng		97
18) Hexachloroethane	9.11	117	52587	48.970	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	118369	45.912	ng		98
20) 3+4-Methylphenols	8.80	107	161747	52.184	ng		98
22) Acetophenone	8.86	105	207450	52.976	ng	#	95
24) Nitrobenzene	9.24	77	173781	52.296	ng		99
25) Isophorone	9.75	82	344820	60.646	ng		99
26) 2-Nitrophenol	9.95	139	75263	56.822	ng		98
27) 2,4-Dimethylphenol	10.00	122	130038	63.026	ng		97
28) bis(2-Chloroethoxy)methane	10.24	93	190021	54.161	ng		99
29) 2,4-Dichlorophenol	10.48	162	143145	59.849	ng		97
30) 1,2,4-Trichlorobenzene	10.69	180	141339	47.221	ng		95
31) Naphthalene	10.88	128	450718	56.847	ng		99
32) Benzoic acid	10.14	122	30889m	22.990	ng		
33) 4-Chloroaniline	11.02	127	10092	2.799	ng	#	87
34) Hexachlorobutadiene	11.16	225	93952	45.389	ng		98
35) Caprolactam	11.78	113	46561m	47.298	ng		
36) 4-Chloro-3-methylphenol	12.12	107	177748	62.283	ng		99
37) 2-Methylnaphthalene	12.49	142	334417	55.380	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	184398	45.696	ng		98
40) Hexachlorocyclopentadiene	12.83	237	186844	90.028	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.09	196	124475	55.548	ng		98
43) 2,4,5-Trichlorophenol	13.17	196	140374	58.748	ng		97
45) 1,1'-Biphenyl	13.49	154	441672	49.845	ng		97
46) 2-Chloronaphthalene	13.54	162	333078	47.799	ng		99
47) 2-Nitroaniline	13.74	65	138063	57.282	ng		98
48) Acenaphthylene	14.38	152	603311	55.251	ng		100
49) Dimethylphthalate	14.11	163	491568	52.783	ng		100
50) 2,6-Dinitrotoluene	14.23	165	109877	54.076	ng		97
51) Acenaphthene	14.72	154	340998	51.671	ng		99
52) 3-Nitroaniline	14.57	138	18099	8.453	ng		96
53) 2,4-Dinitrophenol	14.78	184	36291	42.116	ng		96
54) Dibenzofuran	15.05	168	570949	51.148	ng		100
55) 4-Nitrophenol	14.88	139	143099	104.617	ng		99
56) 2,4-Dinitrotoluene	15.02	165	152685	53.852	ng		96
57) Fluorene	15.71	166	464516	55.675	ng		98
58) 2,3,4,6-Tetrachlorophenol	15.28	232	141164	58.238	ng		99
59) Diethylphthalate	15.47	149	493781	52.569	ng		100
60) 4-Chlorophenyl-phenylether	15.69	204	253575	47.991	ng		99
61) 4-Nitroaniline	15.74	138	104553	46.423	ng		96
62) Azobenzene	15.99	77	497274	55.098	ng		99
64) 4,6-Dinitro-2-methylphenol	15.79	198	49776	32.135	ng		96
65) n-Nitrosodiphenylamine	15.91	169	426569	52.153	ng		99
66) 4-Bromophenyl-phenylether	16.59	248	166603	49.438	ng		96
67) Hexachlorobenzene	16.71	284	167006	48.117	ng		99
68) Atrazine	16.86	200	176525	53.301	ng		100
69) Pentachlorophenol	17.05	266	162669	74.440	ng		98
70) Phenanthrene	17.45	178	776079	54.358	ng		99
71) Anthracene	17.53	178	793782	56.227	ng		100
72) Carbazole	17.80	167	696365	50.591	ng		99
73) Di-n-butylphthalate	18.36	149	826312	54.057	ng		100
74) Fluoranthene	19.45	202	934658	54.386	ng		99
76) Benzidine	19.64	184	105489	11.910	ng		98
77) Pyrene	19.81	202	919102	52.276	ng		100
79) Butylbenzylphthalate	20.69	149	389842	55.628	ng		97
80) Benzo(a)anthracene	21.65	228	908012	53.090	ng		100
81) 3,3'-Dichlorobenzidine	21.56	252	118338	18.178	ng		98
82) Chrysene	21.72	228	860504	52.073	ng		99
83) Bis(2-ethylhexyl)phthalate	21.55	149	540859	55.246	ng		99
84) Di-n-octyl phthalate	22.74	149	903964	56.081	ng		99
85) Indeno(1,2,3-cd)pyrene	28.50	276	1022337	57.612	ng	#	93
87) Benzo(b)fluoranthene	23.85	252	900390	55.762	ng		97
88) Benzo(k)fluoranthene	23.92	252	869682	53.685	ng		99
89) Benzo(a)pyrene	24.71	252	871786	55.846	ng		99
90) Dibenzo(a,h)anthracene	28.56	278	825995	56.458	ng		99
91) Benzo(g,h,i)perylene	29.64	276	844393	57.508	ng		98

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

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