Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092518\
Data File : BG036953.D
Acq On : 25 Sep 2018 17:40
Operator : JU/SJ
Sample : J5055-08MSD
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
TP-BMSD

Manual Integrations APPROVED
Sohil
9/26/2018 3:45:23 PM

Quant Time: Sep 26 01:50:47 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	49165	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	203830	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	120768	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	254961	20.00	ng		0.00
75) Chrysene-d12	21.68	240	285425	20.00	ng		0.00
86) Perylene-d12	24.89	264	306607	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	378088	147.48	ng		0.00
7) Phenol-d6	7.21	99	529258	133.44	ng		0.00
23) Nitrobenzene-d5	9.20	82	351960	92.47	ng		0.00
41) 2,4,6-Tribromophenol	16.16	330	222195	153.78	ng		0.00
44) 2-Fluorobiphenyl	13.29	172	805339	99.32	ng		0.00
78) Terphenyl-d14	20.02	244	1021180	94.08	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	43549	37.124	ng		99
3) Pyridine	3.92	79	125198	36.962	ng		98
4) n-Nitrosodimethylamine	3.84	42	67910	45.110	ng	#	97
6) Aniline	7.37	93	163656	31.799	ng		99
8) 2-Chlorophenol	7.61	128	130289	43.770	ng		93
9) Benzaldehyde	7.18	77	89101	33.996	ng		96
10) Phenol	7.24	94	192459	47.016	ng		97
11) bis(2-Chloroethyl)ether	7.46	93	134529	35.528	ng		98
12) 1,3-Dichlorobenzene	7.93	146	136655	37.446	ng		99
13) 1,4-Dichlorobenzene	8.08	146	137299	36.764	ng		97
14) 1,2-Dichlorobenzene	8.40	146	132419	36.589	ng		99
15) Benzyl Alcohol	8.28	79	129060	40.101	ng		93
16) 2,2'-oxybis(1-Chloropropan	8.57	45	278923	38.368	ng		98
17) 2-Methylphenol	8.48	107	120691	42.327	ng		96
18) Hexachloroethane	9.12	117	54143	39.396	ng		93
19) n-Nitroso-di-n-propylamine	8.85	70	121112	36.705	ng		99
20) 3+4-Methylphenols	8.81	107	174840	44.076	ng		98
22) Acetophenone	8.86	105	212075	44.275	ng		97
24) Nitrobenzene	9.25	77	169381	41.671	ng		97
25) Isophorone	9.77	82	362836	52.170	ng		98
26) 2-Nitrophenol	9.96	139	77288	47.703	ng		98
27) 2,4-Dimethylphenol	10.01	122	135773	53.798	ng		98
28) bis(2-Chloroethoxy)methane	10.25	93	191186	44.550	ng		98
29) 2,4-Dichlorophenol	10.50	162	146445	50.056	ng		94
30) 1,2,4-Trichlorobenzene	10.71	180	145699	39.795	ng		99
31) Naphthalene	10.90	128	424588	43.779	ng		99
32) Benzoic acid	10.11	122	24998	17.180	ng		93
33) 4-Chloroaniline	11.01	127	142483	32.312	ng		98
34) Hexachlorobutadiene	11.18	225	99703	39.378	ng		98
35) Caprolactam	11.78	113	61697m	51.237	ng		
36) 4-Chloro-3-methylphenol	12.12	107	191224	54.779	ng		98
37) 2-Methylnaphthalene	12.50	142	347956	47.107	ng		96
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	201151	47.755	ng		99
40) Hexachlorocyclopentadiene	12.84	237	204885	94.577	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	139450	59.619	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	153049	61.364	ng		98
45) 1,1'-Biphenyl	13.50	154	462738	50.030	ng		97
46) 2-Chloronaphthalene	13.55	162	348351	47.892	ng		99
47) 2-Nitroaniline	13.75	65	146023	58.042	ng		97
48) Acenaphthylene	14.39	152	585469	51.366	ng		100
49) Dimethylphthalate	14.12	163	674810	69.418	ng		98
50) 2,6-Dinitrotoluene	14.25	165	108272	51.049	ng		98
51) Acenaphthene	14.73	154	336146	48.797	ng		100
52) 3-Nitroaniline	14.57	138	87335	39.077	ng		94
53) 2,4-Dinitrophenol	14.78	184	93095	92.352	ng		90
54) Dibenzofuran	15.07	168	543051	46.606	ng		97
55) 4-Nitrophenol	14.89	139	161555	113.151	ng		91
56) 2,4-Dinitrotoluene	15.03	165	140713	47.546	ng		98
57) Fluorene	15.72	166	420720	48.309	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	138051	54.562	ng		98
59) Diethylphthalate	15.48	149	422984	43.141	ng		100
60) 4-Chlorophenyl-phenylether	15.71	204	236583	42.895	ng		99
61) 4-Nitroaniline	15.74	138	99529	42.337	ng		94
62) Azobenzene	16.00	77	447094	47.458	ng		99
64) 4,6-Dinitro-2-methylphenol	15.80	198	77045	57.799	ng		89
65) n-Nitrosodiphenylamine	15.93	169	375036	53.282	ng		98
66) 4-Bromophenyl-phenylether	16.61	248	139039	47.944	ng		98
67) Hexachlorobenzene	16.72	284	139223	46.612	ng		98
68) Atrazine	16.87	200	138133	48.467	ng		96
69) Pentachlorophenol	17.07	266	169572	90.173	ng		98
70) Phenanthrene	17.46	178	599720	48.812	ng		98
71) Anthracene	17.55	178	618220	50.887	ng		99
72) Carbazole	17.82	167	526267	44.429	ng		99
73) Di-n-butylphthalate	18.37	149	587617	44.670	ng		99
74) Fluoranthene	19.46	202	670502	45.337	ng		99
76) Benzidine	19.64	184	396467	45.950	ng		99
77) Pyrene	19.83	202	677711	39.568	ng		99
79) Butylbenzylphthalate	20.71	149	283924	41.588	ng		98
80) Benzo(a)anthracene	21.67	228	720382	43.236	ng		98
81) 3,3'-Dichlorobenzidine	21.58	252	124265	19.594	ng		99
82) Chrysene	21.73	228	687894	42.730	ng		99
83) Bis(2-ethylhexyl)phthalate	21.56	149	403739	42.333	ng		98
84) Di-n-octyl phthalate	22.77	149	709728	45.198	ng		98
85) Indeno(1,2,3-cd)pyrene	28.53	276	840661	48.629	ng	#	94
87) Benzo(b)fluoranthene	23.87	252	712429	43.601	ng		98
88) Benzo(k)fluoranthene	23.94	252	698107	42.585	ng		100
89) Benzo(a)pyrene	24.74	252	701800	44.426	ng		99
90) Dibenzo(a,h)anthracene	28.59	278	683513	46.167	ng		97
91) Benzo(g,h,i)perylene	29.68	276	694750	46.758	ng		97

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

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