Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092818\
Data File : BG037053.D
Acq On : 28 Sep 2018 17:07
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
10/1/2018 11:42:28 AM

Quant Time: Sep 28 17:55:05 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	38495	20.00	ng		0.00
21) Naphthalene-d8	10.84	136	164877	20.00	ng		-0.01
38) Acenaphthene-d10	14.66	164	103171	20.00	ng		-0.01
63) Phenanthrene-d10	17.41	188	269084	20.00	ng		0.00
75) Chrysene-d12	21.68	240	283847	20.00	ng		-0.01
86) Perylene-d12	24.88	264	293747	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	177455	88.41	ng		0.00
7) Phenol-d6	7.20	99	254833	82.06	ng		-0.01
23) Nitrobenzene-d5	9.20	82	267014	86.72	ng		-0.01
41) 2,4,6-Tribromophenol	16.16	330	102307	82.88	ng		-0.01
44) 2-Fluorobiphenyl	13.29	172	568130	82.02	ng		-0.01
78) Terphenyl-d14	20.02	244	816795	75.67	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	44450	48.395	ng		97
3) Pyridine	3.92	79	117983	44.487	ng		97
4) n-Nitrosodimethylamine	3.84	42	55491	47.077	ng	#	93
6) Aniline	7.37	93	154217	38.270	ng		97
8) 2-Chlorophenol	7.60	128	95391	40.928	ng		89
9) Benzaldehyde	7.18	77	81600	39.764	ng		96
10) Phenol	7.23	94	133937	41.788	ng		96
11) bis(2-Chloroethyl)ether	7.46	93	114329	38.562	ng		96
12) 1,3-Dichlorobenzene	7.93	146	114980	40.240	ng		97
13) 1,4-Dichlorobenzene	8.08	146	115141	39.376	ng		98
14) 1,2-Dichlorobenzene	8.39	146	113151	39.931	ng		97
15) Benzyl Alcohol	8.28	79	92376	36.659	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	232244	40.802	ng		98
17) 2-Methylphenol	8.48	107	85985	38.514	ng		98
18) Hexachloroethane	9.12	117	45311	42.108	ng		97
19) n-Nitroso-di-n-propylamine	8.84	70	95330	36.900	ng		94
20) 3+4-Methylphenols	8.81	107	122087	39.308	ng		99
22) Acetophenone	8.86	105	156100	40.288	ng	#	95
24) Nitrobenzene	9.25	77	136556	41.532	ng		98
25) Isophorone	9.76	82	230442	40.962	ng		98
26) 2-Nitrophenol	9.96	139	57734	44.053	ng		97
27) 2,4-Dimethylphenol	10.01	122	82934	40.625	ng		99
28) bis(2-Chloroethoxy)methane	10.25	93	139190	40.096	ng		99
29) 2,4-Dichlorophenol	10.49	162	98108	41.456	ng		99
30) 1,2,4-Trichlorobenzene	10.70	180	115833	39.112	ng		96
31) Naphthalene	10.89	128	314484	40.087	ng		99
32) Benzoic acid	10.15	122	46983	32.216	ng		96
33) 4-Chloroaniline	11.00	127	135288	37.929	ng		95
34) Hexachlorobutadiene	11.17	225	82221	40.146	ng		98
35) Caprolactam	11.78	113	39115	40.158	ng		90
36) 4-Chloro-3-methylphenol	12.12	107	122267	43.300	ng		97
37) 2-Methylnaphthalene	12.50	142	230788	38.626	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.86	216	145779	40.512	ng		99
40) Hexachlorocyclopentadiene	12.84	237	66276	35.812	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.10	196	86619	43.348	ng		97
43) 2,4,5-Trichlorophenol	13.18	196	96240	45.168	ng		96
45) 1,1'-Biphenyl	13.50	154	326304	41.297	ng		95
46) 2-Chloronaphthalene	13.54	162	254838	41.012	ng		99
47) 2-Nitroaniline	13.75	65	99357	46.229	ng		96
48) Acenaphthylene	14.39	152	402565	41.343	ng		98
49) Dimethylphthalate	14.12	163	335780	40.433	ng		99
50) 2,6-Dinitrotoluene	14.24	165	74693	41.223	ng		98
51) Acenaphthene	14.73	154	238085	40.457	ng		96
52) 3-Nitroaniline	14.58	138	83827	43.904	ng		97
53) 2,4-Dinitrophenol	14.78	184	25077m	34.358	ng		
54) Dibenzofuran	15.06	168	406149	40.802	ng		98
55) 4-Nitrophenol	14.88	139	54170	44.411	ng		96
56) 2,4-Dinitrotoluene	15.03	165	106841	42.258	ng		96
57) Fluorene	15.72	166	306261	41.164	ng		96
58) 2,3,4,6-Tetrachlorophenol	15.29	232	93387	43.205	ng		99
59) Diethylphthalate	15.48	149	344980	41.187	ng		97
60) 4-Chlorophenyl-phenylether	15.70	204	186410	39.563	ng		97
61) 4-Nitroaniline	15.74	138	88894	44.263	ng		96
62) Azobenzene	16.00	77	355207	44.135	ng		97
64) 4,6-Dinitro-2-methylphenol	15.79	198	59729	42.457	ng		92
65) n-Nitrosodiphenylamine	15.92	169	300158	40.405	ng		96
66) 4-Bromophenyl-phenylether	16.60	248	117343	38.339	ng		95
67) Hexachlorobenzene	16.71	284	119564	37.929	ng		97
68) Atrazine	16.86	200	120184	39.956	ng		99
69) Pentachlorophenol	17.06	266	79704	40.159	ng		97
70) Phenanthrene	17.45	178	530972	40.948	ng		99
71) Anthracene	17.54	178	529205	41.273	ng		100
72) Carbazole	17.81	167	533611	42.684	ng		98
73) Di-n-butylphthalate	18.36	149	602197	43.376	ng		99
74) Fluoranthene	19.46	202	651318	41.728	ng		98
76) Benzidine	19.64	184	345892	40.311	ng		98
77) Pyrene	19.82	202	666540	39.132	ng		99
79) Butylbenzylphthalate	20.70	149	287260	42.311	ng		97
80) Benzo(a)anthracene	21.66	228	649021	39.170	ng		98
81) 3,3'-Dichlorobenzidine	21.57	252	249844	39.614	ng		97
82) Chrysene	21.73	228	635985	39.726	ng		98
83) Bis(2-ethylhexyl)phthalate	21.56	149	400327	42.209	ng		99
84) Di-n-octyl phthalate	22.77	149	669866	42.896	ng		100
85) Indeno(1,2,3-cd)pyrene	28.52	276	711439	41.383	ng	#	93
87) Benzo(b)fluoranthene	23.86	252	608844	38.893	ng		98
88) Benzo(k)fluoranthene	23.93	252	643055	40.944	ng		99
89) Benzo(a)pyrene	24.73	252	606108	40.048	ng	#	98
90) Dibenzo(a,h)anthracene	28.59	278	579059	40.824	ng		99
91) Benzo(g,h,i)perylene	29.67	276	584937	41.091	ng		96

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

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