Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092018\
Data File : BG036846.D
Acq On : 20 Sep 2018 16:49
Operator : JU/SJ
Sample : SSTDICC025
Misc :
ALS Vial : 4 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICC025

Manual Integrations APPROVED
Sohil
9/21/2018 10:48:57 AM

Quant Time: Sep 20 18:16:37 2018
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092018.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 20 18:05:43 2018
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	39401	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	187462	20.00	ng		0.00
38) Acenaphthene-d10	14.67	164	126671	20.00	ng		0.00
63) Phenanthrene-d10	17.42	188	331936	20.00	ng		0.00
75) Chrysene-d12	21.69	240	326360	20.00	ng		0.00
86) Perylene-d12	24.90	264	334845	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	104264	41.98	ng		0.00
7) Phenol-d6	7.21	99	159566	44.87	ng		0.00
23) Nitrobenzene-d5	9.21	82	176133	50.98	ng		0.00
41) 2,4,6-Tribromophenol	16.17	330	77349	51.17	ng		0.00
44) 2-Fluorobiphenyl	13.30	172	437493	49.31	ng		0.00
78) Terphenyl-d14	20.03	244	627604	44.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	24500	21.136	ng		97
3) Pyridine	3.93	79	66554	20.454	ng		95
4) n-Nitrosodimethylamine	3.84	42	30020	20.714	ng	#	97
6) Aniline	7.37	93	105241	23.314	ng		99
8) 2-Chlorophenol	7.61	128	60464	22.447	ng		93
9) Benzaldehyde	7.18	77	55545	22.681	ng		98
10) Phenol	7.24	94	81705	21.955	ng		92
11) bis(2-Chloroethyl)ether	7.47	93	73999	25.081	ng		98
12) 1,3-Dichlorobenzene	7.94	146	73042	23.748	ng		98
13) 1,4-Dichlorobenzene	8.09	146	76338	24.583	ng		97
14) 1,2-Dichlorobenzene	8.40	146	72448	24.429	ng		93
15) Benzyl Alcohol	8.29	79	64694	22.566	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.58	45	145455	24.446	ng		98
17) 2-Methylphenol	8.49	107	56070	22.690	ng		93
18) Hexachloroethane	9.13	117	26783	24.056	ng		92
19) n-Nitroso-di-n-propylamine	8.85	70	66054	24.853	ng		90
20) 3+4-Methylphenols	8.82	107	82447	23.897	ng		98
22) Acetophenone	8.87	105	112127	22.778	ng		97
24) Nitrobenzene	9.25	77	92075	24.713	ng		95
25) Isophorone	9.77	82	159465	23.233	ng		95
26) 2-Nitrophenol	9.97	139	36809	24.932	ng		96
27) 2,4-Dimethylphenol	10.02	122	57722	21.118	ng		98
28) bis(2-Chloroethoxy)methane	10.26	93	99375	23.591	ng		96
29) 2,4-Dichlorophenol	10.50	162	68322	22.807	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	82405	23.515	ng		99
31) Naphthalene	10.90	128	223102	23.808	ng		97
32) Benzoic acid	10.14	122	36066m	19.078	ng		
33) 4-Chloroaniline	11.01	127	102551	23.881	ng		98
34) Hexachlorobutadiene	11.18	225	58035	24.648	ng		97
35) Caprolactam	11.78	113	27754	23.257	ng		95
36) 4-Chloro-3-methylphenol	12.13	107	82094	23.585	ng		96
37) 2-Methylnaphthalene	12.51	142	169903	24.779	ng		98
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	112021	24.989	ng		99
40) Hexachlorocyclopentadiene	12.85	237	53980	23.144	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	63013	23.076	ng	95
43) 2,4,5-Trichlorophenol	13.18	196	66520	22.839	ng	95
45) 1,1'-Biphenyl	13.51	154	247447	23.533	ng	98
46) 2-Chloronaphthalene	13.55	162	192543	23.987	ng	98
47) 2-Nitroaniline	13.76	65	68521	27.184	ng	96
48) Acenaphthylene	14.40	152	307503	24.512	ng	98
49) Dimethylphthalate	14.13	163	262953	25.422	ng	100
50) 2,6-Dinitrotoluene	14.25	165	57822	27.167	ng	95
51) Acenaphthene	14.74	154	180776	22.500	ng	99
52) 3-Nitroaniline	14.58	138	61811	26.949	ng	99
53) 2,4-Dinitrophenol	14.79	184	18561	23.023	ng	95
54) Dibenzofuran	15.07	168	310718	24.685	ng	97
55) 4-Nitrophenol	14.89	139	36478	19.452	ng	99
56) 2,4-Dinitrotoluene	15.03	165	80218	28.919	ng	91
57) Fluorene	15.72	166	236247	25.107	ng	99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	66979	24.476	ng	96
59) Diethylphthalate	15.49	149	261105	25.048	ng	100
60) 4-Chlorophenyl-phenylether	15.71	204	148327	25.528	ng	98
61) 4-Nitroaniline	15.74	138	63015	26.255	ng	97
62) Azobenzene	16.00	77	251443	23.707	ng	97
64) 4,6-Dinitro-2-methylphenol	15.80	198	42167	28.919	ng	98
65) n-Nitrosodiphenylamine	15.93	169	229968	23.316	ng	95
66) 4-Bromophenyl-phenylether	16.61	248	93888	24.159	ng	99
67) Hexachlorobenzene	16.72	284	96466	24.275	ng	100
68) Atrazine	16.87	200	94458	25.515	ng	98
69) Pentachlorophenol	17.07	266	58280	21.579	ng	97
70) Phenanthrene	17.47	178	401477	23.803	ng	99
71) Anthracene	17.55	178	403122	23.977	ng	100
72) Carbazole	17.82	167	392951	23.402	ng	98
73) Di-n-butylphthalate	18.38	149	435860	23.311	ng	99
74) Fluoranthene	19.47	202	486170	23.642	ng	97
76) Benzidine	19.65	184	273420	26.259	ng	98
77) Pyrene	19.83	202	500400	24.934	ng	97
79) Butylbenzylphthalate	20.71	149	190648	23.870	ng	98
80) Benzo(a)anthracene	21.67	228	472988	23.923	ng	98
81) 3,3'-Dichlorobenzidine	21.58	252	184277	23.386	ng	100
82) Chrysene	21.74	228	450449	24.036	ng	98
83) Bis(2-ethylhexyl)phthalate	21.57	149	264861	23.698	ng	99
84) Di-n-octyl phthalate	22.78	149	448843	24.043	ng	97
85) Indeno(1,2,3-cd)pyrene	28.55	276	490023	22.512	ng	99
87) Benzo(b)fluoranthene	23.88	252	435566	23.425	ng	99
88) Benzo(k)fluoranthene	23.95	252	447440	24.631	ng	99
89) Benzo(a)pyrene	24.75	252	424718	23.770	ng	98
90) Dibenzo(a,h)anthracene	28.62	278	400034	23.191	ng	97
91) Benzo(g,h,i)perylene	29.69	276	397343	22.923	ng	98

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

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