Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092018\
Data File : BG036847.D
Acq On : 20 Sep 2018 17:27
Operator : JU/SJ
Sample : SSTDICCC040
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDICCC040

Manual Integrations APPROVED
Sohil
9/21/2018 10:49:00 AM

Quant Time: Sep 20 18:18:19 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	38330	20.00	ng	0.00
21) Naphthalene-d8	10.86	136	184312	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	124500	20.00	ng	0.00
63) Phenanthrene-d10	17.42	188	316066	20.00	ng	0.00
75) Chrysene-d12	21.69	240	309050	20.00	ng	0.00
86) Perylene-d12	24.90	264	317124	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	165512	68.50	ng	0.00
7) Phenol-d6	7.21	99	256568	74.16	ng	0.00
23) Nitrobenzene-d5	9.21	82	279124	82.17	ng	0.00
41) 2,4,6-Tribromophenol	16.17	330	122430	82.41	ng	0.00
44) 2-Fluorobiphenyl	13.30	172	674471	77.35	ng	0.00
78) Terphenyl-d14	20.03	244	935140	70.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.53	88	39213	34.774	ng	96
3) Pyridine	3.93	79	111495	35.224	ng	98
4) n-Nitrosodimethylamine	3.84	42	48200	34.188	ng	100
6) Aniline	7.38	93	164186	37.389	ng	97
8) 2-Chlorophenol	7.61	128	96392	36.786	ng	95
9) Benzaldehyde	7.19	77	83634	35.106	ng	95
10) Phenol	7.24	94	131856	36.420	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	114743	39.977	ng	98
12) 1,3-Dichlorobenzene	7.94	146	117035	39.115	ng	100
13) 1,4-Dichlorobenzene	8.09	146	117640	38.942	ng	98
14) 1,2-Dichlorobenzene	8.40	146	112102	38.857	ng	96
15) Benzyl Alcohol	8.29	79	102607	36.791	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.58	45	232560	40.178	ng	99
17) 2-Methylphenol	8.49	107	89922	37.406	ng	94
18) Hexachloroethane	9.13	117	43912	40.543	ng	96
19) n-Nitroso-di-n-propylamine	8.85	70	104540	40.432	ng	96
20) 3+4-Methylphenols	8.82	107	127450	37.974	ng	94
22) Acetophenone	8.87	105	170385	35.204	ng	97
24) Nitrobenzene	9.25	77	148245	40.469	ng	97
25) Isophorone	9.77	82	251311	37.240	ng	99
26) 2-Nitrophenol	9.96	139	60652	41.784	ng	97
27) 2,4-Dimethylphenol	10.02	122	92837	34.545	ng	98
28) bis(2-Chloroethoxy)methane	10.26	93	157184	37.952	ng	97
29) 2,4-Dichlorophenol	10.50	162	110456	37.503	ng	92
30) 1,2,4-Trichlorobenzene	10.71	180	133764	38.823	ng	98
31) Naphthalene	10.91	128	347782	37.747	ng	99
32) Benzoic acid	10.16	122	64886m	34.910	ng	
33) 4-Chloroaniline	11.01	127	159835	37.857	ng	97
34) Hexachlorobutadiene	11.19	225	91960	39.724	ng	99
35) Caprolactam	11.78	113	44675	38.077	ng	96
36) 4-Chloro-3-methylphenol	12.13	107	133355	38.967	ng	98
37) 2-Methylnaphthalene	12.51	142	263533	39.091	ng	97
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	174594	39.627	ng	99
40) Hexachlorocyclopentadiene	12.85	237	94049	41.026	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	99597	37.110	ng		98
43) 2,4,5-Trichlorophenol	13.18	196	108149	37.780	ng		99
45) 1,1'-Biphenyl	13.51	154	379294	36.702	ng		99
46) 2-Chloronaphthalene	13.55	162	298203	37.797	ng		99
47) 2-Nitroaniline	13.76	65	108230	43.686	ng		97
48) Acenaphthylene	14.40	152	470259	38.139	ng		98
49) Dimethylphthalate	14.13	163	402936	39.635	ng		99
50) 2,6-Dinitrotoluene	14.25	165	88377	42.247	ng		99
51) Acenaphthene	14.74	154	283376	35.885	ng		99
52) 3-Nitroaniline	14.58	138	94897	42.096	ng	#	97
53) 2,4-Dinitrophenol	14.79	184	35146	44.356	ng		97
54) Dibenzofuran	15.07	168	482845	39.029	ng		100
55) 4-Nitrophenol	14.89	139	61560	33.399	ng		97
56) 2,4-Dinitrotoluene	15.03	165	124283	45.585	ng		95
57) Fluorene	15.73	166	357235	38.626	ng		99
58) 2,3,4,6-Tetrachlorophenol	15.30	232	109396	40.674	ng		95
59) Diethylphthalate	15.49	149	403699	39.403	ng		98
60) 4-Chlorophenyl-phenylether	15.71	204	228848	40.072	ng		97
61) 4-Nitroaniline	15.75	138	99384	42.130	ng		97
62) Azobenzene	16.00	77	390090	37.421	ng		97
64) 4,6-Dinitro-2-methylphenol	15.80	198	66677	48.024	ng		94
65) n-Nitrosodiphenylamine	15.93	169	353988	37.693	ng		97
66) 4-Bromophenyl-phenylether	16.61	248	146446	39.575	ng		98
67) Hexachlorobenzene	16.72	284	150947	39.892	ng		96
68) Atrazine	16.88	200	145520	41.282	ng		98
69) Pentachlorophenol	17.07	266	97359	37.858	ng		98
70) Phenanthrene	17.47	178	611823	38.096	ng		99
71) Anthracene	17.55	178	605760	37.838	ng		99
72) Carbazole	17.82	167	594784	37.201	ng		98
73) Di-n-butylphthalate	18.38	149	660748	37.112	ng		99
74) Fluoranthene	19.47	202	736945	37.636	ng		99
76) Benzidine	19.65	184	370918	37.618	ng		99
77) Pyrene	19.83	202	747387	39.326	ng		99
79) Butylbenzylphthalate	20.71	149	294851	38.984	ng		94
80) Benzo(a)anthracene	21.67	228	706804	37.751	ng		99
81) 3,3'-Dichlorobenzidine	21.58	252	282501	37.860	ng		99
82) Chrysene	21.74	228	686104	38.661	ng		99
83) Bis(2-ethylhexyl)phthalate	21.57	149	404701	38.238	ng		100
84) Di-n-octyl phthalate	22.78	149	681180	38.532	ng		98
85) Indeno(1,2,3-cd)pyrene	28.55	276	763644	37.048	ng	#	95
87) Benzo(b)fluoranthene	23.88	252	689952	39.180	ng		98
88) Benzo(k)fluoranthene	23.95	252	666770	38.756	ng		99
89) Benzo(a)pyrene	24.75	252	657751	38.870	ng		100
90) Dibenzo(a,h)anthracene	28.62	278	618265	37.846	ng		98
91) Benzo(g,h,i)perylene	29.70	276	630858	38.428	ng		97

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

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