Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG030419\
Data File : BG039726.D
Acq On : 4 Mar 2019 11:40
Operator : JU/SJ
Sample : SSTDICC050
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
Sohil
3/5/2019 5:21:33 PM

Quant Time: Mar 04 12:24:09 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG030419.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Mar 04 11:45:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	43797	20.00	ng		0.00
21) Naphthalene-d8	10.98	136	205316	20.00	ng		0.00
39) Acenaphthene-d10	14.78	164	138458	20.00	ng		0.00
64) Phenanthrene-d10	17.53	188	328860	20.00	ng		0.00
76) Chrysene-d12	21.82	240	323005	20.00	ng		0.00
87) Perylene-d12	25.20	264	335263	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.70	112	260672	101.87	ng		0.00
7) Phenol-d6	7.31	99	391003	103.80	ng		0.00
23) Nitrobenzene-d5	9.34	82	383973	116.83	ng		0.00
42) 2,4,6-Tribromophenol	16.27	330	167717	112.49	ng		0.00
45) 2-Fluorobiphenyl	13.41	172	934086	96.78	ng		0.00
79) Terphenyl-d14	20.12	244	1399296	91.70	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.59	88	57852	51.683	ng		95
3) Pyridine	3.99	79	157933	53.290	ng		94
4) n-Nitrosodimethylamine	3.92	42	77741	52.452	ng		95
6) Aniline	7.48	93	254290	53.896	ng		100
8) 2-Chlorophenol	7.72	128	159469	57.010	ng		99
9) Benzaldehyde	7.30	77	120371	58.609	ng		94
10) Phenol	7.33	94	210288	53.556	ng		95
11) bis(2-Chloroethyl)ether	7.58	93	162815	52.476	ng		96
12) 1,3-Dichlorobenzene	8.05	146	172542	50.919	ng		97
13) 1,4-Dichlorobenzene	8.19	146	177951	52.688	ng		97
14) 1,2-Dichlorobenzene	8.52	146	170771	52.229	ng		98
15) Benzyl Alcohol	8.40	79	159573	53.961	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.67	45	315813	45.074	ng		98
17) 2-Methylphenol	8.59	107	136116	53.569	ng		99
18) Hexachloroethane	9.24	117	63045	54.256	ng		98
19) n-Nitroso-di-n-propylamine	8.96	70	140572	52.580	ng		99
20) 3+4-Methylphenols	8.92	107	191619	54.763	ng		95
22) Acetophenone	8.99	105	278455	50.489	ng	#	94
24) Nitrobenzene	9.38	77	201192	56.665	ng		99
25) Isophorone	9.90	82	401446	55.121	ng		98
26) 2-Nitrophenol	10.09	139	98977	76.106	ng		97
27) 2,4-Dimethylphenol	10.13	122	152124	51.635	ng		99
28) bis(2-Chloroethoxy)methane	10.37	93	241503	53.836	ng		99
29) 2,4-Dichlorophenol	10.62	162	176638	54.858	ng		97
30) 1,2,4-Trichlorobenzene	10.84	180	187749	51.936	ng		96
31) Naphthalene	11.04	128	534502	52.476	ng		100
32) Benzoic acid	10.27	122	104665	62.523	ng		98
33) 4-Chloroaniline	11.14	127	233230	49.384	ng		99
34) Hexachlorobutadiene	11.30	225	128300	53.367	ng		97
35) Caprolactam	11.93	113	66689	50.051	ng		100
36) 4-Chloro-3-methylphenol	12.24	107	198956	53.428	ng		95
37) 2-Methylnaphthalene	12.62	142	399684	52.980	ng		96
38) 1-Methylnaphthalene	12.84	142	387990m	53.354	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.98	216	230456	52.313	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.95	237	133197	55.486	ng	96
43) 2,4,6-Trichlorophenol	13.22	196	145161	53.592	ng	94
44) 2,4,5-Trichlorophenol	13.29	196	159756	56.275	ng	96
46) 1,1'-Biphenyl	13.62	154	559648	48.580	ng	98
47) 2-Chloronaphthalene	13.67	162	422394	48.740	ng	98
48) 2-Nitroaniline	13.88	65	145496	66.149	ng	98
49) Acenaphthylene	14.51	152	701861	53.673	ng	99
50) Dimethylphthalate	14.23	163	566889	50.695	ng	98
51) 2,6-Dinitrotoluene	14.36	165	127943	67.697	ng	98
52) Acenaphthene	14.85	154	416638	49.084	ng	99
53) 3-Nitroaniline	14.70	138	126422	61.214	ng	96
54) 2,4-Dinitrophenol	14.90	184	73162	103.164	ng	99
55) Dibenzofuran	15.18	168	675807	49.656	ng	100
56) 4-Nitrophenol	14.99	139	113356	64.512	ng	98
57) 2,4-Dinitrotoluene	15.15	165	180174	75.641	ng	99
58) Fluorene	15.83	166	532698	52.506	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.40	232	159821	60.127	ng	99
60) Diethylphthalate	15.58	149	562727	48.671	ng	98
61) 4-Chlorophenyl-phenylether	15.81	204	286524	49.877	ng	99
62) 4-Nitroaniline	15.87	138	136074	62.090	ng	98
63) Azobenzene	16.11	77	509712	45.105	ng	98
65) 4,6-Dinitro-2-methylphenol	15.91	198	102132	84.503	ng	96
66) n-Nitrosodiphenylamine	16.04	169	480329	48.035	ng	100
67) 4-Bromophenyl-phenylether	16.71	248	186202	51.038	ng	96
68) Hexachlorobenzene	16.82	284	194808	53.221	ng	99
69) Atrazine	16.97	200	191344	52.362	ng	99
70) Pentachlorophenol	17.17	266	127185	49.994	ng	97
71) Phenanthrene	17.57	178	883171	51.888	ng	99
72) Anthracene	17.66	178	877130	52.317	ng	99
73) Carbazole	17.94	167	788127	47.104	ng	100
74) Di-n-butylphthalate	18.46	149	921342	47.200	ng	99
75) Fluoranthene	19.57	202	1035716	52.426	ng	99
77) Benzidine	19.75	184	538244	50.826	ng	99
78) Pyrene	19.94	202	1029891	51.218	ng	98
80) Butylbenzylphthalate	20.80	149	425896	50.210	ng	99
81) Benzo(a)anthracene	21.80	228	1002649	52.533	ng	100
82) 3,3'-Dichlorobenzidine	21.72	252	375031	52.993	ng	98
83) Chrysene	21.87	228	965611	53.147	ng	99
84) Bis(2-ethylhexyl)phthalate	21.66	149	590791	48.821	ng	100
85) Di-n-octyl phthalate	22.92	149	993833	49.711	ng	100
86) Indeno(1,2,3-cd)pyrene	29.09	276	1142863	58.628	ng	99
88) Benzo(b)fluoranthene	24.11	252	988833	54.083	ng	99
89) Benzo(k)fluoranthene	24.19	252	941736	51.303	ng	99
90) Benzo(a)pyrene	25.04	252	935936	53.152	ng	99
91) Dibenzo(a,h)anthracene	29.15	278	913360	55.387	ng	99
92) Benzo(g,h,i)perylene	30.32	276	916776	55.777	ng	98

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

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