Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG092119\
Data File : BG042905.D
Acq On : 21 Sep 2019 10:38
Operator : HP/JU
Sample : SSTDICC010
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC010

Manual Integrations APPROVED
mohammad
9/24/2019 9:13:20 AM

Quant Time: Sep 23 05:37:50 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Sep 23 05:23:24 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	62572	20.00	ng		0.00
21) Naphthalene-d8	10.89	136	247283	20.00	ng		0.00
39) Acenaphthene-d10	14.70	164	174687	20.00	ng		0.00
64) Phenanthrene-d10	17.44	188	420427	20.00	ng		0.00
76) Chrysene-d12	21.71	240	465584	20.00	ng		0.00
87) Perylene-d12	24.95	264	522823	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.67	112	71290	19.82	ng		0.00
7) Phenol-d6	7.25	99	104323	20.24	ng		-0.01
23) Nitrobenzene-d5	9.24	82	100315	20.93	ng		0.00
42) 2,4,6-Tribromophenol	16.19	330	53370	22.40	ng		0.00
45) 2-Fluorobiphenyl	13.32	172	271869	24.41	ng		0.00
79) Terphenyl-d14	20.05	244	541919	25.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.57	88	15774	9.811	ng		95
3) Pyridine	3.98	79	40269	8.332	ng		96
4) n-Nitrosodimethylamine	3.88	42	19973	8.519	ng	#	91
6) Aniline	7.41	93	61362	8.943	ng		100
8) 2-Chlorophenol	7.65	128	36884	9.569	ng		98
9) Benzaldehyde	7.23	77	34696	10.117	ng		97
10) Phenol	7.28	94	48223	9.229	ng		94
11) bis(2-Chloroethyl)ether	7.50	93	37763	9.405	ng		97
12) 1,3-Dichlorobenzene	7.97	146	48840	10.371	ng		93
13) 1,4-Dichlorobenzene	8.11	146	50058	10.600	ng		91
14) 1,2-Dichlorobenzene	8.44	146	46357	10.309	ng		97
15) Benzyl Alcohol	8.32	79	35488	8.146	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	77436	8.927	ng		96
17) 2-Methylphenol	8.53	107	33530	9.544	ng		96
18) Hexachloroethane	9.17	117	16807	9.631	ng		95
19) n-Nitroso-di-n-propylamine	8.88	70	32848	8.747	ng		98
20) 3+4-Methylphenols	8.86	107	43068	8.885	ng		96
22) Acetophenone	8.91	105	66592	10.498	ng	#	96
24) Nitrobenzene	9.29	77	48750	9.828	ng		98
25) Isophorone	9.81	82	90073	9.228	ng		96
26) 2-Nitrophenol	10.00	139	18130	9.215	ng		95
27) 2,4-Dimethylphenol	10.06	122	31292	9.164	ng		88
28) bis(2-Chloroethoxy)methane	10.29	93	53847	9.845	ng		99
29) 2,4-Dichlorophenol	10.53	162	37684	9.443	ng		98
30) 1,2,4-Trichlorobenzene	10.74	180	51556	10.525	ng		95
31) Naphthalene	10.94	128	127691	10.487	ng		99
32) Benzoic acid	10.14	122	18382m	7.092	ng		
33) 4-Chloroaniline	11.04	127	53167	9.409	ng		96
34) Hexachlorobutadiene	11.23	225	36675	10.606	ng		96
35) Caprolactam	11.81	113	13269	8.985	ng	#	74
36) 4-Chloro-3-methylphenol	12.17	107	41939	9.638	ng		97
37) 2-Methylnaphthalene	12.54	142	97359	10.687	ng		98
38) 1-Methylnaphthalene	12.75	142	92983	10.874	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.90	216	67385	11.225	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	37990	11.173	ng		92
43) 2,4,6-Trichlorophenol	13.14	196	35738	9.329	ng		98
44) 2,4,5-Trichlorophenol	13.21	196	37005	9.417	ng		95
46) 1,1'-Biphenyl	13.54	154	140791	11.186	ng		99
47) 2-Chloronaphthalene	13.58	162	109043	10.795	ng		96
48) 2-Nitroaniline	13.78	65	28982	8.312	ng		94
49) Acenaphthylene	14.42	152	159947	10.389	ng		99
50) Dimethylphthalate	14.15	163	135737	10.405	ng		99
51) 2,6-Dinitrotoluene	14.26	165	25168	9.359	ng		97
52) Acenaphthene	14.76	154	106725	10.511	ng		99
53) 3-Nitroaniline	14.60	138	26642	8.908	ng	#	96
54) 2,4-Dinitrophenol	14.80	184	11486	8.405	ng		92
55) Dibenzofuran	15.10	168	165431	11.069	ng		99
56) 4-Nitrophenol	14.91	139	17795	7.716	ng		89
57) 2,4-Dinitrotoluene	15.05	165	34755	9.625	ng		97
58) Fluorene	15.74	166	137280	11.006	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.32	232	39953	10.433	ng		99
60) Diethylphthalate	15.51	149	136728	10.336	ng		97
61) 4-Chlorophenyl-phenylether	15.74	204	78570	10.657	ng		97
62) 4-Nitroaniline	15.76	138	28439	8.831	ng		90
63) Azobenzene	16.03	77	133462	10.486	ng		98
65) 4,6-Dinitro-2-methylphenol	15.81	198	18628	10.038	ng		91
66) n-Nitrosodiphenylamine	15.94	169	117451	10.387	ng		94
67) 4-Bromophenyl-phenylether	16.63	248	53298	10.478	ng		97
68) Hexachlorobenzene	16.75	284	59563	10.910	ng		96
69) Atrazine	16.90	200	48272	11.639	ng		97
70) Pentachlorophenol	17.09	266	27923	8.667	ng		89
71) Phenanthrene	17.48	178	225493	11.227	ng		96
72) Anthracene	17.57	178	219808	10.941	ng		99
73) Carbazole	17.84	167	204286	10.767	ng		94
74) Di-n-butylphthalate	18.40	149	234710	10.349	ng		98
75) Fluoranthene	19.49	202	296648	11.450	ng		99
77) Benzidine	19.67	184	145067	11.067	ng		96
78) Pyrene	19.85	202	308239	10.677	ng		94
80) Butylbenzylphthalate	20.74	149	103073	8.894	ng		93
81) Benzo(a)anthracene	21.69	228	317279	10.792	ng		96
82) 3,3'-Dichlorobenzidine	21.61	252	118993	10.344	ng		98
83) Chrysene	21.76	228	311116	11.123	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	152356	9.543	ng		97
85) Di-n-octyl phthalate	22.82	149	256152	9.446	ng		99
86) Indeno(1,2,3-cd)pyrene	28.63	276	355672	10.248	ng	#	92
88) Benzo(b)fluoranthene	23.92	252	317864	10.451	ng		99
89) Benzo(k)fluoranthene	23.98	252	314720	10.872	ng		98
90) Benzo(a)pyrene	24.79	252	292141	10.222	ng		100
91) Dibenzo(a,h)anthracene	28.69	278	299099	10.599	ng	#	95
92) Benzo(g,h,i)perylene	29.77	276	284680	10.351	ng		98

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

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