Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG090419\
Data File : BG042701.D
Acq On : 4 Sep 2019 10:57
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
9/10/2019 9:50:22 AM

Quant Time: Sep 04 18:21:52 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Aug 22 14:29:15 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	50675	20.00	ng		0.00
21) Naphthalene-d8	10.82	136	202760	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	153426	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	354536	20.00	ng		0.00
76) Chrysene-d12	21.69	240	373985	20.00	ng		0.00
87) Perylene-d12	24.93	264	456886	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	193204	77.22	ng		0.00
7) Phenol-d6	7.17	99	253082	74.88	ng		0.00
23) Nitrobenzene-d5	9.17	82	232894	79.37	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	182762	83.81	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	751818	82.88	ng		0.00
79) Terphenyl-d14	20.02	244	1343957	77.69	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.42	88	35234	33.743	ng		97
3) Pyridine	3.82	79	94912	35.448	ng		92
4) n-Nitrosodimethylamine	3.74	42	39265	41.059	ng	#	86
6) Aniline	7.32	93	162775	36.109	ng		98
8) 2-Chlorophenol	7.57	128	117536	38.760	ng		100
9) Benzaldehyde	7.13	77	61042	36.075	ng		99
10) Phenol	7.19	94	128815	37.486	ng		91
11) bis(2-Chloroethyl)ether	7.41	93	97085	35.974	ng		97
12) 1,3-Dichlorobenzene	7.89	146	152954	39.650	ng		100
13) 1,4-Dichlorobenzene	8.04	146	154203	39.464	ng		98
14) 1,2-Dichlorobenzene	8.36	146	147116	39.315	ng		99
15) Benzyl Alcohol	8.24	79	92872	38.194	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	126700	34.637	ng		100
17) 2-Methylphenol	8.45	107	94706	37.417	ng		95
18) Hexachloroethane	9.09	117	52647	39.357	ng		96
19) n-Nitroso-di-n-propylamine	8.81	70	76035	34.725	ng		93
20) 3+4-Methylphenols	8.78	107	128628	36.726	ng		98
22) Acetophenone	8.83	105	171725	39.598	ng	#	99
24) Nitrobenzene	9.21	77	114071	38.392	ng		99
25) Isophorone	9.74	82	215000	37.129	ng		99
26) 2-Nitrophenol	9.93	139	74711	40.125	ng		95
27) 2,4-Dimethylphenol	9.99	122	100118	39.034	ng		98
28) bis(2-Chloroethoxy)methane	10.22	93	137284	37.615	ng		100
29) 2,4-Dichlorophenol	10.47	162	139381	41.535	ng		99
30) 1,2,4-Trichlorobenzene	10.69	180	174001	42.244	ng		96
31) Naphthalene	10.87	128	373130	39.637	ng		99
32) Benzoic acid	10.17	122	57494	33.799	ng		97
33) 4-Chloroaniline	10.98	127	170679	39.276	ng		98
34) Hexachlorobutadiene	11.16	225	122209	44.147	ng		99
35) Caprolactam	11.77	113	40513	36.181	ng		98
36) 4-Chloro-3-methylphenol	12.11	107	125128	39.280	ng		94
37) 2-Methylnaphthalene	12.48	142	303772	40.188	ng		98
38) 1-Methylnaphthalene	12.70	142	286017	39.836	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	210993	42.823	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	111513	43.086	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	134334	40.336	ng		94
44) 2,4,5-Trichlorophenol	13.18	196	137073	39.717	ng		96
46) 1,1'-Biphenyl	13.49	154	397236	40.054	ng		99
47) 2-Chloronaphthalene	13.54	162	346992	40.576	ng		98
48) 2-Nitroaniline	13.74	65	79652	38.626	ng		98
49) Acenaphthylene	14.38	152	512696	39.850	ng		100
50) Dimethylphthalate	14.12	163	441685	39.898	ng		99
51) 2,6-Dinitrotoluene	14.23	165	102157	39.812	ng		95
52) Acenaphthene	14.72	154	307166	39.319	ng		99
53) 3-Nitroaniline	14.57	138	100556	39.184	ng		97
54) 2,4-Dinitrophenol	14.78	184	72297	44.787	ng		99
55) Dibenzofuran	15.06	168	522105	40.375	ng		99
56) 4-Nitrophenol	14.89	139	65156	35.731	ng		96
57) 2,4-Dinitrotoluene	15.03	165	147960	40.267	ng		98
58) Fluorene	15.71	166	429175	40.600	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.29	232	136397	39.964	ng		94
60) Diethylphthalate	15.47	149	429637	39.701	ng		99
61) 4-Chlorophenyl-phenylether	15.70	204	265965	41.739	ng		99
62) 4-Nitroaniline	15.74	138	107962	39.309	ng		94
63) Azobenzene	15.99	77	277296	37.395	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	89330	40.188	ng		98
66) n-Nitrosodiphenylamine	15.92	169	391404	40.144	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	183916	40.897	ng		98
68) Hexachlorobenzene	16.73	284	203816	41.692	ng		98
69) Atrazine	16.87	200	146448	42.475	ng		97
70) Pentachlorophenol	17.07	266	96768	38.097	ng		98
71) Phenanthrene	17.45	178	720463	40.911	ng		98
72) Anthracene	17.55	178	721704	41.052	ng		99
73) Carbazole	17.82	167	624073	39.830	ng		100
74) Di-n-butylphthalate	18.37	149	730614	39.447	ng		99
75) Fluoranthene	19.47	202	891659	41.488	ng		97
77) Benzidine	19.64	184	570880	53.242	ng		99
78) Pyrene	19.83	202	889199	38.781	ng		99
80) Butylbenzylphthalate	20.71	149	341717	37.891	ng		94
81) Benzo(a)anthracene	21.67	228	936063	41.145	ng		98
82) 3,3'-Dichlorobenzidine	21.59	252	371432	40.595	ng		100
83) Chrysene	21.74	228	895441	40.812	ng		99
84) Bis(2-ethylhexyl)phthalate	21.57	149	485414	38.766	ng		99
85) Di-n-octyl phthalate	22.78	149	844254	39.202	ng		99
86) Indeno(1,2,3-cd)pyrene	28.66	276	1156689	38.793	ng	#	96
88) Benzo(b)fluoranthene	23.91	252	1015479m	40.429	ng		
89) Benzo(k)fluoranthene	23.98	252	975369	40.399	ng		99
90) Benzo(a)pyrene	24.79	252	977570	41.014	ng		98
91) Dibenzo(a,h)anthracene	28.72	278	959764	39.770	ng		98
92) Benzo(g,h,i)perylene	29.81	276	895681	37.109	ng		99

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

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