Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061719\
Data File : BG041268.D
Acq On : 17 Jun 2019 10:33
Operator : HP/JU
Sample : SSTDICC020
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC020

Manual Integrations APPROVED
mohammad
6/20/2019 10:48:31 AM

Quant Time: Jun 17 12:43:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061719.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 17 11:50:26 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.08	152	28899	20.00	ng		0.00
21) Naphthalene-d8	10.90	136	115941	20.00	ng		0.00
39) Acenaphthene-d10	14.72	164	85248	20.00	ng		0.00
64) Phenanthrene-d10	17.46	188	228655	20.00	ng		0.00
76) Chrysene-d12	21.74	240	251671	20.00	ng		0.00
87) Perylene-d12	25.04	264	262194	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	58627	37.38	ng		0.00
7) Phenol-d6	7.23	99	86601	36.12	ng		0.00
23) Nitrobenzene-d5	9.26	82	107630	40.29	ng		0.00
42) 2,4,6-Tribromophenol	16.20	330	51742	43.88	ng		0.00
45) 2-Fluorobiphenyl	13.33	172	256736	39.86	ng		0.00
79) Terphenyl-d14	20.06	244	538302	41.94	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	16958	25.937	ng		90
3) Pyridine	3.89	79	40170	21.030	ng		98
4) n-Nitrosodimethylamine	3.82	42	20695	20.827	ng	#	84
6) Aniline	7.41	93	60431	19.322	ng	#	96
8) 2-Chlorophenol	7.64	128	35693	18.394	ng		98
9) Benzaldehyde	7.22	77	32661	21.420	ng		96
10) Phenol	7.25	94	47407	18.414	ng		88
11) bis(2-Chloroethyl)ether	7.50	93	36006	19.095	ng		92
12) 1,3-Dichlorobenzene	7.97	146	44837	19.227	ng		98
13) 1,4-Dichlorobenzene	8.12	146	46896	19.773	ng		98
14) 1,2-Dichlorobenzene	8.44	146	43439m	19.120	ng		
15) Benzyl Alcohol	8.33	79	40997	18.578	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.60	45	60242	19.962	ng		99
17) 2-Methylphenol	8.52	107	34358	18.473	ng		94
18) Hexachloroethane	9.16	117	18106	19.483	ng		93
19) n-Nitroso-di-n-propylamine	8.88	70	35911	19.568	ng		93
20) 3+4-Methylphenols	8.85	107	41140	16.070	ng		93
22) Acetophenone	8.92	105	67300	20.974	ng	#	96
24) Nitrobenzene	9.30	77	55793	20.830	ng		95
25) Isophorone	9.82	82	101363	21.526	ng		99
26) 2-Nitrophenol	10.02	139	21163	18.671	ng		96
27) 2,4-Dimethylphenol	10.06	122	33006	19.157	ng		90
28) bis(2-Chloroethoxy)methane	10.30	93	53494	20.985	ng		99
29) 2,4-Dichlorophenol	10.55	162	39570	17.942	ng		91
30) 1,2,4-Trichlorobenzene	10.76	180	53183	19.972	ng		92
31) Naphthalene	10.96	128	124814	20.305	ng		97
32) Benzoic acid	10.17	122	17882	29.199	ng		94
33) 4-Chloroaniline	11.07	127	50906	18.963	ng		97
34) Hexachlorobutadiene	11.21	225	42947	20.933	ng		93
35) Caprolactam	11.84	113	13988	22.226	ng	#	86
36) 4-Chloro-3-methylphenol	12.18	107	46148	19.769	ng		97
37) 2-Methylnaphthalene	12.55	142	92861	20.142	ng		99
38) 1-Methylnaphthalene	12.77	142	87726	20.177	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.91	216	69724	18.798	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.88	237	45834	28.387	ng		96
43) 2,4,6-Trichlorophenol	13.16	196	42381	18.989	ng		94
44) 2,4,5-Trichlorophenol	13.23	196	43586	19.532	ng		98
46) 1,1'-Biphenyl	13.55	154	125333	19.012	ng		95
47) 2-Chloronaphthalene	13.60	162	111808	19.428	ng		98
48) 2-Nitroaniline	13.81	65	38747	19.478	ng		92
49) Acenaphthylene	14.45	152	169207	20.491	ng		99
50) Dimethylphthalate	14.16	163	151975	21.151	ng		99
51) 2,6-Dinitrotoluene	14.30	165	31157	20.211	ng		96
52) Acenaphthene	14.78	154	96661	19.555	ng		95
53) 3-Nitroaniline	14.63	138	28865	19.378	ng		96
54) 2,4-Dinitrophenol	14.84	184	18881	61.766	ng	#	80
55) Dibenzofuran	15.11	168	172981	20.680	ng		99
56) 4-Nitrophenol	14.93	139	18242	22.932	ng		91
57) 2,4-Dinitrotoluene	15.08	165	46426	21.708	ng	#	97
58) Fluorene	15.76	166	133651	20.579	ng		92
59) 2,3,4,6-Tetrachlorophenol	15.33	232	45560	22.257	ng		96
60) Diethylphthalate	15.51	149	154978	21.840	ng		100
61) 4-Chlorophenyl-phenylether	15.74	204	91143	21.431	ng		98
62) 4-Nitroaniline	15.80	138	31728	21.901	ng		99
63) Azobenzene	16.04	77	140162	21.916	ng		99
65) 4,6-Dinitro-2-methylphenol	15.84	198	27132	32.538	ng		91
66) n-Nitrosodiphenylamine	15.96	169	119073	18.723	ng		99
67) 4-Bromophenyl-phenylether	16.64	248	58571	19.338	ng		96
68) Hexachlorobenzene	16.75	284	62167	18.878	ng	#	94
69) Atrazine	16.90	200	54655	27.013	ng		92
70) Pentachlorophenol	17.11	266	30546	26.782	ng		97
71) Phenanthrene	17.51	178	249906	20.748	ng		97
72) Anthracene	17.59	178	245325	20.549	ng		98
73) Carbazole	17.87	167	212618	20.856	ng		99
74) Di-n-butylphthalate	18.40	149	268009	21.161	ng		97
75) Fluoranthene	19.51	202	342172	22.341	ng		99
77) Benzidine	19.69	184	132516	33.914	ng		96
78) Pyrene	19.87	202	345479	19.997	ng		99
80) Butylbenzylphthalate	20.74	149	126853	19.178	ng		99
81) Benzo(a)anthracene	21.71	228	344366	20.692	ng		97
82) 3,3'-Dichlorobenzidine	21.63	252	118569	23.166	ng		99
83) Chrysene	21.78	228	335187	20.377	ng		98
84) Bis(2-ethylhexyl)phthalate	21.58	149	168742	18.321	ng		97
85) Di-n-octyl phthalate	22.82	149	287360	18.793	ng		100
86) Indeno(1,2,3-cd)pyrene	28.85	276	381643	38.642	ng	#	97
88) Benzo(b)fluoranthene	23.98	252	325974	20.350	ng		98
89) Benzo(k)fluoranthene	24.05	252	327752	17.138	ng		99
90) Benzo(a)pyrene	24.89	252	305718	19.590	ng		97
91) Dibenzo(a,h)anthracene	28.90	278	311917	34.835	ng		99
92) Benzo(g,h,i)perylene	30.03	276	303489	39.399	ng		96

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

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