Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011619\
Data File : BG039153.D
Acq On : 16 Jan 2019 12:17
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
Sohil
1/17/2019 2:09:06 PM

Quant Time: Jan 17 09:45:42 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 16 14:03:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	21247	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	105964	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	73375	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	193305	20.00	ng		0.00
76) Chrysene-d12	21.69	240	193806	20.00	ng		0.00
87) Perylene-d12	24.96	264	208470	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	91998	82.14	ng		0.00
7) Phenol-d6	7.18	99	133828	83.03	ng		0.00
23) Nitrobenzene-d5	9.20	82	140070	72.33	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	102868	83.63	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	418771	78.11	ng		0.00
79) Terphenyl-d14	20.02	244	834826	79.68	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.45	88	16777	38.250	ng		96
3) Pyridine	3.85	79	48074	40.337	ng		96
4) n-Nitrosodimethylamine	3.78	42	22790	42.495	ng		89
6) Aniline	7.34	93	81284	41.989	ng		97
8) 2-Chlorophenol	7.58	128	54006	40.904	ng		97
9) Benzaldehyde	7.16	77	35174	37.839	ng		96
10) Phenol	7.21	94	67304	41.647	ng		97
11) bis(2-Chloroethyl)ether	7.44	93	49620	40.174	ng		97
12) 1,3-Dichlorobenzene	7.90	146	63427	40.096	ng		98
13) 1,4-Dichlorobenzene	8.05	146	63713	39.769	ng		98
14) 1,2-Dichlorobenzene	8.37	146	62944	41.207	ng		96
15) Benzyl Alcohol	8.26	79	53724	44.258	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	101091	42.684	ng		95
17) 2-Methylphenol	8.46	107	48214	42.966	ng		96
18) Hexachloroethane	9.09	117	21828	40.104	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	47197	44.589	ng		96
20) 3+4-Methylphenols	8.79	107	71254	44.537	ng		98
22) Acetophenone	8.85	105	100637	36.367	ng	#	98
24) Nitrobenzene	9.24	77	67038	34.249	ng		98
25) Isophorone	9.75	82	138091	41.398	ng		97
26) 2-Nitrophenol	9.95	139	39529	37.337	ng		96
27) 2,4-Dimethylphenol	10.00	122	54110	36.328	ng		91
28) bis(2-Chloroethoxy)methane	10.23	93	72475	36.151	ng		99
29) 2,4-Dichlorophenol	10.48	162	77861	42.077	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	87804	39.492	ng		93
31) Naphthalene	10.88	128	205422	38.653	ng		99
32) Benzoic acid	10.16	122	26137m	32.363	ng		
33) 4-Chloroaniline	11.00	127	95673	40.232	ng		99
34) Hexachlorobutadiene	11.14	225	56479	36.918	ng		98
35) Caprolactam	11.80	113	33118	44.632	ng		92
36) 4-Chloro-3-methylphenol	12.12	107	83072	41.974	ng		91
37) 2-Methylnaphthalene	12.49	142	150984	37.892	ng		99
38) 1-Methylnaphthalene	12.71	142	142658m	37.301	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	109996	39.916	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	49762	35.499	ng		97
43) 2,4,6-Trichlorophenol	13.10	196	71329	41.127	ng		99
44) 2,4,5-Trichlorophenol	13.18	196	73410	40.048	ng		99
46) 1,1'-Biphenyl	13.49	154	227216	39.080	ng		99
47) 2-Chloronaphthalene	13.54	162	181046	38.480	ng		97
48) 2-Nitroaniline	13.76	65	52002	39.452	ng		96
49) Acenaphthylene	14.39	152	281277	39.775	ng		98
50) Dimethylphthalate	14.11	163	239956	38.699	ng		100
51) 2,6-Dinitrotoluene	14.25	165	53764	38.783	ng		97
52) Acenaphthene	14.73	154	166057	39.083	ng		93
53) 3-Nitroaniline	14.59	138	55035	39.135	ng		97
54) 2,4-Dinitrophenol	14.79	184	29630	38.729	ng		94
55) Dibenzofuran	15.06	168	384625	51.256	ng		99
56) 4-Nitrophenol	14.89	139	39104	38.646	ng		99
57) 2,4-Dinitrotoluene	15.03	165	102169	51.371	ng		97
58) Fluorene	15.71	166	235595	41.710	ng		95
59) 2,3,4,6-Tetrachlorophenol	15.29	232	80194	46.346	ng		100
60) Diethylphthalate	15.47	149	277206	43.392	ng		100
61) 4-Chlorophenyl-phenylether	15.69	204	151053	42.448	ng		99
62) 4-Nitroaniline	15.75	138	59718	40.763	ng		99
63) Azobenzene	15.99	77	202003	40.434	ng		96
65) 4,6-Dinitro-2-methylphenol	15.80	198	54339	37.943	ng		99
66) n-Nitrosodiphenylamine	15.91	169	227735	39.741	ng		96
67) 4-Bromophenyl-phenylether	16.59	248	98968	39.829	ng		98
68) Hexachlorobenzene	16.71	284	105418	38.879	ng		96
69) Atrazine	16.86	200	92043	37.809	ng		98
70) Pentachlorophenol	17.06	266	56684	37.182	ng		96
71) Phenanthrene	17.45	178	412056	40.328	ng		99
72) Anthracene	17.54	178	399189	39.514	ng		99
73) Carbazole	17.82	167	425539	42.670	ng		99
74) Di-n-butylphthalate	18.35	149	441818	39.823	ng		99
75) Fluoranthene	19.46	202	525276	41.470	ng		99
77) Benzidine	19.65	184	244580	41.260	ng		100
78) Pyrene	19.83	202	507861	41.119	ng		99
80) Butylbenzylphthalate	20.69	149	186085	39.613	ng		98
81) Benzo(a)anthracene	21.67	228	461834	39.145	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	194071	40.373	ng		96
83) Chrysene	21.74	228	429677	38.293	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	264647	40.574	ng		96
85) Di-n-octyl phthalate	22.75	149	440481	39.938	ng		100
86) Indeno(1,2,3-cd)pyrene	28.71	276	598870	44.666	ng	#	98
88) Benzo(b)fluoranthene	23.91	252	445680	38.772	ng		98
89) Benzo(k)fluoranthene	23.98	252	460252	40.496	ng		100
90) Benzo(a)pyrene	24.80	252	459493	41.355	ng		98
91) Dibenzo(a,h)anthracene	28.76	278	492270	44.543	ng		99
92) Benzo(g,h,i)perylene	29.89	276	499296	45.636	ng		97

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

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