Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039184.D
Acq On : 17 Jan 2019 13:28
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
Sohil
1/18/2019 11:20:53 AM

Quant Time: Jan 18 04:21:16 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 09 14:23:53 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	22562	20.00	ng		-0.02
21) Naphthalene-d8	10.83	136	95625	20.00	ng		-0.02
39) Acenaphthene-d10	14.65	164	68680	20.00	ng		-0.02
64) Phenanthrene-d10	17.40	188	173783	20.00	ng		-0.02
76) Chrysene-d12	21.68	240	172422	20.00	ng		-0.02
87) Perylene-d12	24.95	264	192605	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	92442	77.72	ng		-0.02
7) Phenol-d6	7.17	99	130826	76.43	ng		-0.02
23) Nitrobenzene-d5	9.19	82	147825	84.59	ng		-0.02
42) 2,4,6-Tribromophenol	16.15	330	91164	79.19	ng		-0.02
45) 2-Fluorobiphenyl	13.27	172	426847	85.06	ng		-0.02
79) Terphenyl-d14	20.01	244	824413	88.45	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	17163	36.850	ng		98
3) Pyridine	3.85	79	48222	38.103	ng		97
4) n-Nitrosodimethylamine	3.77	42	22727	39.907	ng		93
6) Aniline	7.35	93	78023	37.956	ng		98
8) 2-Chlorophenol	7.57	128	52297	37.301	ng		94
9) Benzaldehyde	7.16	77	34998	35.455	ng		96
10) Phenol	7.20	94	66602	38.811	ng		99
11) bis(2-Chloroethyl)ether	7.43	93	50239	38.305	ng		98
12) 1,3-Dichlorobenzene	7.90	146	64263	38.257	ng		98
13) 1,4-Dichlorobenzene	8.05	146	65791	38.673	ng		97
14) 1,2-Dichlorobenzene	8.37	146	61625	37.992	ng		97
15) Benzyl Alcohol	8.26	79	55614	43.145	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	100193	39.839	ng		98
17) 2-Methylphenol	8.46	107	47271	39.671	ng		95
18) Hexachloroethane	9.09	117	22245	38.489	ng		96
19) n-Nitroso-di-n-propylamine	8.82	70	45513	40.492	ng	#	98
20) 3+4-Methylphenols	8.79	107	66533	39.162	ng		98
22) Acetophenone	8.84	105	95365	38.188	ng	#	98
24) Nitrobenzene	9.24	77	74382	42.110	ng		95
25) Isophorone	9.75	82	147476	48.991	ng		99
26) 2-Nitrophenol	9.95	139	41767	43.716	ng		97
27) 2,4-Dimethylphenol	10.00	122	55606	41.369	ng		87
28) bis(2-Chloroethoxy)methane	10.23	93	77484	42.829	ng		98
29) 2,4-Dichlorophenol	10.48	162	76754	45.964	ng		95
30) 1,2,4-Trichlorobenzene	10.69	180	90665	45.188	ng		96
31) Naphthalene	10.88	128	213515	44.519	ng		98
32) Benzoic acid	10.17	122	23372m	32.154	ng		
33) 4-Chloroaniline	11.00	127	92848	43.265	ng		98
34) Hexachlorobutadiene	11.14	225	56789	41.134	ng		95
35) Caprolactam	11.79	113	32095	47.930	ng		91
36) 4-Chloro-3-methylphenol	12.12	107	84630	47.384	ng		88
37) 2-Methylnaphthalene	12.49	142	147606	41.050	ng		99
38) 1-Methylnaphthalene	12.70	142	139297m	40.360	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	104768	40.618	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	59830	43.968	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	65456	40.321	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	71949	41.934	ng		97
46) 1,1'-Biphenyl	13.49	154	217384	39.945	ng		100
47) 2-Chloronaphthalene	13.54	162	175013	39.741	ng		99
48) 2-Nitroaniline	13.76	65	49797	40.362	ng		93
49) Acenaphthylene	14.38	152	262615	39.674	ng		99
50) Dimethylphthalate	14.11	163	227920	39.271	ng		99
51) 2,6-Dinitrotoluene	14.24	165	51178	39.441	ng		97
52) Acenaphthene	14.72	154	160604	40.383	ng		94
53) 3-Nitroaniline	14.58	138	56537	42.951	ng		96
54) 2,4-Dinitrophenol	14.80	184	33717	45.922	ng	#	90
55) Dibenzofuran	15.05	168	287537	40.937	ng		98
56) 4-Nitrophenol	14.89	139	40812	43.091	ng		93
57) 2,4-Dinitrotoluene	15.03	165	74326	39.926	ng		98
58) Fluorene	15.71	166	242415	45.851	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	65164	40.234	ng		97
60) Diethylphthalate	15.46	149	235349	39.358	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	149605	44.915	ng		97
62) 4-Nitroaniline	15.74	138	63413	46.245	ng		91
63) Azobenzene	15.98	77	207609	44.397	ng		99
65) 4,6-Dinitro-2-methylphenol	15.79	198	56113	43.583	ng		93
66) n-Nitrosodiphenylamine	15.91	169	227679	44.194	ng		98
67) 4-Bromophenyl-phenylether	16.59	248	92191	41.269	ng		99
68) Hexachlorobenzene	16.70	284	97808	40.125	ng		96
69) Atrazine	16.85	200	78113	35.691	ng		94
70) Pentachlorophenol	17.06	266	49027	35.992	ng		93
71) Phenanthrene	17.45	178	371040	40.394	ng		99
72) Anthracene	17.54	178	366373	40.340	ng		100
73) Carbazole	17.82	167	354862	39.580	ng		98
74) Di-n-butylphthalate	18.34	149	385927	38.693	ng		99
75) Fluoranthene	19.45	202	518710	45.552	ng		98
77) Benzidine	19.64	184	236324	44.812	ng		98
78) Pyrene	19.82	202	513185	46.703	ng		99
80) Butylbenzylphthalate	20.69	149	191423	45.803	ng		98
81) Benzo(a)anthracene	21.66	228	427828	40.760	ng		99
82) 3,3'-Dichlorobenzidine	21.58	252	175657	41.074	ng		97
83) Chrysene	21.73	228	417845	41.856	ng		99
84) Bis(2-ethylhexyl)phthalate	21.53	149	250210	43.118	ng		96
85) Di-n-octyl phthalate	22.74	149	408045	41.585	ng		100
86) Indeno(1,2,3-cd)pyrene	28.69	276	487794	40.893	ng	#	95
88) Benzo(b)fluoranthene	23.90	252	480512	45.245	ng	#	97
89) Benzo(k)fluoranthene	23.97	252	487622	46.438	ng	#	98
90) Benzo(a)pyrene	24.79	252	437633	42.632	ng		97
91) Dibenzo(a,h)anthracene	28.74	278	405569	39.721	ng		99
92) Benzo(g,h,i)perylene	29.87	276	401709	39.740	ng		96

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

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