Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011719\
Data File : BG039211.D
Acq On : 18 Jan 2019 9:02
Operator : JU/SJ
Sample : SSTDCCC040
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
Sohil
1/18/2019 11:24:20 AM

Quant Time: Jan 18 10:35:26 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 04:20:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	27572	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	121793	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	81988	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	206032	20.00	ng		0.00
76) Chrysene-d12	21.68	240	213232	20.00	ng		0.00
87) Perylene-d12	24.95	264	232906	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.56	112	105558	72.63	ng		0.00
7) Phenol-d6	7.18	99	161982	77.44	ng		0.00
23) Nitrobenzene-d5	9.19	82	165145	74.20	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	109936	79.99	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	465187	77.65	ng		0.00
79) Terphenyl-d14	20.01	244	850233	73.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.44	88	18984	33.353	ng		98
3) Pyridine	3.85	79	65515	42.361	ng		97
4) n-Nitrosodimethylamine	3.77	42	29369	42.200	ng		99
6) Aniline	7.34	93	91169	36.292	ng		100
8) 2-Chlorophenol	7.58	128	63101	36.829	ng		97
9) Benzaldehyde	7.16	77	42767	35.453	ng		92
10) Phenol	7.20	94	80593	38.430	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	58219	36.323	ng		97
12) 1,3-Dichlorobenzene	7.90	146	75299	36.681	ng		96
13) 1,4-Dichlorobenzene	8.05	146	76603	36.846	ng		98
14) 1,2-Dichlorobenzene	8.37	146	73810	37.236	ng		99
15) Benzyl Alcohol	8.26	79	63463	40.288	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.54	45	118404	38.525	ng		98
17) 2-Methylphenol	8.46	107	55013	37.779	ng		96
18) Hexachloroethane	9.09	117	26590	37.647	ng		92
19) n-Nitroso-di-n-propylamine	8.82	70	52535	38.247	ng	#	98
20) 3+4-Methylphenols	8.79	107	80080	38.571	ng		99
22) Acetophenone	8.85	105	112487	35.366	ng	#	98
24) Nitrobenzene	9.24	77	83237	36.998	ng		99
25) Isophorone	9.75	82	155686	40.607	ng		99
26) 2-Nitrophenol	9.95	139	50653	41.626	ng		96
27) 2,4-Dimethylphenol	9.99	122	67027	39.152	ng		88
28) bis(2-Chloroethoxy)methane	10.23	93	93797	40.706	ng		98
29) 2,4-Dichlorophenol	10.48	162	85472	40.187	ng		98
30) 1,2,4-Trichlorobenzene	10.69	180	97638	38.207	ng		96
31) Naphthalene	10.88	128	227778	37.289	ng		99
32) Benzoic acid	10.16	122	15123	20.983	ng		95
33) 4-Chloroaniline	11.00	127	106957	39.131	ng		98
34) Hexachlorobutadiene	11.14	225	66508	37.823	ng		99
35) Caprolactam	11.80	113	32462	38.062	ng		94
36) 4-Chloro-3-methylphenol	12.11	107	89697	39.431	ng		89
37) 2-Methylnaphthalene	12.48	142	176355	38.508	ng		98
38) 1-Methylnaphthalene	12.70	142	168256	38.276	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	121837	39.569	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	51194	33.139	ng		100
43) 2,4,6-Trichlorophenol	13.10	196	77729	40.109	ng		98
44) 2,4,5-Trichlorophenol	13.17	196	79933	39.026	ng		97
46) 1,1'-Biphenyl	13.49	154	259310	39.915	ng		98
47) 2-Chloronaphthalene	13.54	162	205368	39.064	ng		99
48) 2-Nitroaniline	13.75	65	60536	41.102	ng		94
49) Acenaphthylene	14.38	152	304461	38.530	ng		98
50) Dimethylphthalate	14.11	163	260757	37.636	ng		99
51) 2,6-Dinitrotoluene	14.25	165	59235	38.241	ng		95
52) Acenaphthene	14.72	154	183783	38.711	ng		96
53) 3-Nitroaniline	14.58	138	58146	37.003	ng	#	97
54) 2,4-Dinitrophenol	14.79	184	15010m	20.503	ng		
55) Dibenzofuran	15.06	168	334578	39.902	ng		99
56) 4-Nitrophenol	14.89	139	39907	35.296	ng		98
57) 2,4-Dinitrotoluene	15.03	165	86356	38.859	ng	#	97
58) Fluorene	15.70	166	250184	39.640	ng		96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	78716	40.713	ng		98
60) Diethylphthalate	15.46	149	278737	39.048	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	161800	40.691	ng		98
62) 4-Nitroaniline	15.75	138	61747	37.721	ng		94
63) Azobenzene	15.98	77	226537	40.581	ng		98
65) 4,6-Dinitro-2-methylphenol	15.79	198	45435	29.766	ng		99
66) n-Nitrosodiphenylamine	15.91	169	249912	40.917	ng		96
67) 4-Bromophenyl-phenylether	16.59	248	107630	40.639	ng		96
68) Hexachlorobenzene	16.70	284	113926	39.421	ng		97
69) Atrazine	16.86	200	99093	38.191	ng		97
70) Pentachlorophenol	17.06	266	50711	32.141	ng		94
71) Phenanthrene	17.45	178	413698	37.988	ng		98
72) Anthracene	17.54	178	409000	37.985	ng		99
73) Carbazole	17.82	167	395831	37.239	ng		98
74) Di-n-butylphthalate	18.34	149	434162	36.716	ng		99
75) Fluoranthene	19.46	202	506237	37.498	ng		99
77) Benzidine	19.64	184	193151	29.616	ng		99
78) Pyrene	19.82	202	511896	37.670	ng		99
80) Butylbenzylphthalate	20.69	149	195227	37.773	ng		100
81) Benzo(a)anthracene	21.66	228	495126	38.144	ng		98
82) 3,3'-Dichlorobenzidine	21.58	252	200883	37.982	ng		97
83) Chrysene	21.73	228	467817	37.893	ng		100
84) Bis(2-ethylhexyl)phthalate	21.53	149	277083	38.610	ng		96
85) Di-n-octyl phthalate	22.74	149	456631	37.630	ng		99
86) Indeno(1,2,3-cd)pyrene	28.69	276	575025	38.980	ng	#	96
88) Benzo(b)fluoranthene	23.90	252	500714	38.989	ng		98
89) Benzo(k)fluoranthene	23.97	252	482494	37.999	ng		98
90) Benzo(a)pyrene	24.79	252	477532	38.470	ng		98
91) Dibenzo(a,h)anthracene	28.75	278	477550	38.677	ng		99
92) Benzo(g,h,i)perylene	29.87	276	471526	38.576	ng		99

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

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