Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
Data File : BG041147.D
Acq On : 9 Jun 2019 1:01
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Jun 10 05:14:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	53903	20.00	ng		-0.03
21) Naphthalene-d8	10.93	136	239291	20.00	ng		-0.03
39) Acenaphthene-d10	14.74	164	170489	20.00	ng		-0.02
64) Phenanthrene-d10	17.48	188	416717	20.00	ng		-0.02
76) Chrysene-d12	21.76	240	413505	20.00	ng		-0.03
87) Perylene-d12	25.09	264	447983	20.00	ng		-0.04
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	229518	76.78	ng		-0.02
7) Phenol-d6	7.25	99	365955	79.27	ng		-0.01
23) Nitrobenzene-d5	9.29	82	423376	78.55	ng		-0.02
42) 2,4,6-Tribromophenol	16.23	330	198532	78.44	ng		-0.02
45) 2-Fluorobiphenyl	13.36	172	960069	81.10	ng		-0.02
79) Terphenyl-d14	20.08	244	1595362	81.88	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	46213	34.069	ng		98
3) Pyridine	3.91	79	149233	37.180	ng		95
4) n-Nitrosodimethylamine	3.83	42	73687	39.556	ng		88
6) Aniline	7.43	93	242603	39.369	ng		99
8) 2-Chlorophenol	7.67	128	138994	39.002	ng		98
9) Benzaldehyde	7.24	77	114811	41.689	ng		90
10) Phenol	7.28	94	191204	38.627	ng		99
11) bis(2-Chloroethyl)ether	7.52	93	141752	39.475	ng		98
12) 1,3-Dichlorobenzene	7.99	146	168743	39.644	ng		96
13) 1,4-Dichlorobenzene	8.14	146	170916	39.670	ng		95
14) 1,2-Dichlorobenzene	8.46	146	166522	39.806	ng		99
15) Benzyl Alcohol	8.35	79	168638	39.488	ng		92
16) 2,2'-oxybis(1-Chloropropan	8.62	45	219310	37.375	ng		98
17) 2-Methylphenol	8.54	107	141877	39.586	ng		99
18) Hexachloroethane	9.19	117	68462	41.228	ng		97
19) n-Nitroso-di-n-propylamine	8.91	70	138937	39.107	ng		99
20) 3+4-Methylphenols	8.87	107	195502	39.380	ng		98
22) Acetophenone	8.94	105	260638	38.829	ng	#	95
24) Nitrobenzene	9.33	77	215407	39.214	ng		99
25) Isophorone	9.85	82	393710	38.381	ng		99
26) 2-Nitrophenol	10.04	139	93762	41.405	ng		91
27) 2,4-Dimethylphenol	10.08	122	141856	37.929	ng		96
28) bis(2-Chloroethoxy)methane	10.32	93	211770	38.250	ng		97
29) 2,4-Dichlorophenol	10.57	162	177971	37.473	ng		95
30) 1,2,4-Trichlorobenzene	10.79	180	216038	39.986	ng		95
31) Naphthalene	10.98	128	499657	38.891	ng		97
32) Benzoic acid	10.24	122	109158	39.308	ng		97
33) 4-Chloroaniline	11.09	127	228572	38.343	ng		97
34) Hexachlorobutadiene	11.24	225	163400	39.526	ng		98
35) Caprolactam	11.89	113	58847	37.521	ng	#	86
36) 4-Chloro-3-methylphenol	12.20	107	205691	37.922	ng		98
37) 2-Methylnaphthalene	12.58	142	376447	38.044	ng		100
38) 1-Methylnaphthalene	12.79	142	358416m	38.438	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	282255	41.075	ng		100

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	123826	38.307	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	181800	40.897	ng		100
44) 2,4,5-Trichlorophenol	13.25	196	182325	38.890	ng		98
46) 1,1'-Biphenyl	13.58	154	507533	40.217	ng		99
47) 2-Chloronaphthalene	13.62	162	440132	40.625	ng		98
48) 2-Nitroaniline	13.83	65	160223	41.224	ng		96
49) Acenaphthylene	14.46	152	639778	39.236	ng		99
50) Dimethylphthalate	14.19	163	558221	38.680	ng		98
51) 2,6-Dinitrotoluene	14.32	165	123208	39.596	ng		97
52) Acenaphthene	14.80	154	385684	39.045	ng		96
53) 3-Nitroaniline	14.66	138	124882	40.135	ng		98
54) 2,4-Dinitrophenol	14.86	184	57294	45.212	ng		95
55) Dibenzofuran	15.13	168	653735	39.331	ng		98
56) 4-Nitrophenol	14.95	139	88389	41.415	ng		90
57) 2,4-Dinitrotoluene	15.10	165	177035	40.277	ng	#	98
58) Fluorene	15.79	166	514521	38.870	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	180507	39.178	ng		97
60) Diethylphthalate	15.54	149	555414	37.711	ng		98
61) 4-Chlorophenyl-phenylether	15.77	204	333259	38.734	ng		96
62) 4-Nitroaniline	15.81	138	135912	41.259	ng		92
63) Azobenzene	16.06	77	503869	37.641	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	91882	42.373	ng		98
66) n-Nitrosodiphenylamine	15.98	169	459459	39.222	ng		99
67) 4-Bromophenyl-phenylether	16.67	248	219357	39.005	ng		97
68) Hexachlorobenzene	16.78	284	231629	38.680	ng		98
69) Atrazine	16.93	200	175961	38.929	ng		95
70) Pentachlorophenol	17.12	266	125384	41.261	ng		95
71) Phenanthrene	17.52	178	864371	39.821	ng		98
72) Anthracene	17.62	178	856787	40.022	ng		99
73) Carbazole	17.89	167	752949	40.990	ng		99
74) Di-n-butylphthalate	18.42	149	916133	40.128	ng		98
75) Fluoranthene	19.53	202	1098171	40.960	ng		98
77) Benzidine	19.71	184	414512	42.021	ng		97
78) Pyrene	19.89	202	1095287	40.746	ng		99
80) Butylbenzylphthalate	20.76	149	432459	41.341	ng		96
81) Benzo(a)anthracene	21.74	228	1108177	40.260	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	403220	41.649	ng		97
83) Chrysene	21.81	228	1051544	39.921	ng		98
84) Bis(2-ethylhexyl)phthalate	21.61	149	595226	40.421	ng		97
85) Di-n-octyl phthalate	22.84	149	986865	40.239	ng		100
86) Indeno(1,2,3-cd)pyrene	28.92	276	1272238	39.429	ng	#	74
88) Benzo(b)fluoranthene	24.02	252	1098559	40.430	ng		99
89) Benzo(k)fluoranthene	24.09	252	1041764	38.744	ng		99
90) Benzo(a)pyrene	24.93	252	1042533	40.215	ng		97
91) Dibenzo(a,h)anthracene	28.98	278	1027764	39.677	ng		99
92) Benzo(g,h,i)perylene	30.12	276	980982	38.981	ng		98

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

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