Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG070119\
Data File : BG041551.D
Acq On : 1 Jul 2019 9:38
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
SSTDCCC040

Manual Integrations APPROVED
mohammad
7/3/2019 9:47:06 AM

Quant Time: Jul 02 01:02:44 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 13:25:55 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	22900	20.00	ng		0.00
21) Naphthalene-d8	10.85	136	85098	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	60546	20.00	ng		0.00
64) Phenanthrene-d10	17.43	188	165468	20.00	ng		0.00
76) Chrysene-d12	21.70	240	205218	20.00	ng		0.00
87) Perylene-d12	24.98	264	227085	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	104463	81.33	ng		0.00
7) Phenol-d6	7.19	99	145164	80.28	ng		0.00
23) Nitrobenzene-d5	9.21	82	158913	77.88	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	80669	78.03	ng		0.00
45) 2-Fluorobiphenyl	13.30	172	364903	77.34	ng		0.00
79) Terphenyl-d14	20.02	244	713505	73.89	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	24196	41.614	ng		97
3) Pyridine	3.83	79	61485	41.678	ng		95
4) n-Nitrosodimethylamine	3.75	42	31901	38.860	ng	#	95
6) Aniline	7.36	93	88882	38.135	ng		98
8) 2-Chlorophenol	7.59	128	58484	40.600	ng		98
9) Benzaldehyde	7.17	77	38801	35.533	ng		98
10) Phenol	7.22	94	72973	40.043	ng		95
11) bis(2-Chloroethyl)ether	7.45	93	52633	36.419	ng		97
12) 1,3-Dichlorobenzene	7.91	146	73963	39.691	ng		99
13) 1,4-Dichlorobenzene	8.06	146	76342	40.639	ng		94
14) 1,2-Dichlorobenzene	8.38	146	71788	39.913	ng		99
15) Benzyl Alcohol	8.28	79	57200	39.723	ng		87
16) 2,2'-oxybis(1-Chloropropan	8.55	45	72289	35.620	ng		96
17) 2-Methylphenol	8.48	107	50983	38.433	ng		96
18) Hexachloroethane	9.11	117	29810	40.218	ng		96
19) n-Nitroso-di-n-propylamine	8.84	70	48422	35.902	ng		96
20) 3+4-Methylphenols	8.81	107	67801	38.347	ng		97
22) Acetophenone	8.87	105	98114	38.437	ng	#	98
24) Nitrobenzene	9.25	77	79578	38.856	ng		100
25) Isophorone	9.77	82	133716	36.502	ng		96
26) 2-Nitrophenol	9.97	139	32946	38.519	ng		94
27) 2,4-Dimethylphenol	10.02	122	45616	38.320	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	70323	36.303	ng		98
29) 2,4-Dichlorophenol	10.51	162	64692	40.234	ng		97
30) 1,2,4-Trichlorobenzene	10.71	180	81171	39.388	ng		93
31) Naphthalene	10.91	128	181326	38.530	ng		97
32) Benzoic acid	10.17	122	29574	44.300	ng		94
33) 4-Chloroaniline	11.02	127	76241	38.485	ng		97
34) Hexachlorobutadiene	11.16	225	66481	40.640	ng		95
35) Caprolactam	11.82	113	19204m	38.251	ng		
36) 4-Chloro-3-methylphenol	12.14	107	64991	37.306	ng		93
37) 2-Methylnaphthalene	12.50	142	131851	37.923	ng		99
38) 1-Methylnaphthalene	12.72	142	125108	37.717	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.87	216	105469	39.560	ng		98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	45750	33.833	ng		97
43) 2,4,6-Trichlorophenol	13.11	196	61197	38.689	ng		99
44) 2,4,5-Trichlorophenol	13.20	196	62790	39.845	ng		96
46) 1,1'-Biphenyl	13.51	154	180678	37.803	ng		95
47) 2-Chloronaphthalene	13.55	162	157997	38.505	ng		97
48) 2-Nitroaniline	13.77	65	50826	36.540	ng		94
49) Acenaphthylene	14.40	152	234668	38.262	ng		99
50) Dimethylphthalate	14.12	163	205220	37.246	ng		99
51) 2,6-Dinitrotoluene	14.26	165	45519	38.930	ng		96
52) Acenaphthene	14.74	154	137300	37.751	ng		96
53) 3-Nitroaniline	14.60	138	41566	37.237	ng		96
54) 2,4-Dinitrophenol	14.81	184	22371	33.951	ng		92
55) Dibenzofuran	15.07	168	244430	38.605	ng		98
56) 4-Nitrophenol	14.92	139	27508	38.186	ng		92
57) 2,4-Dinitrotoluene	15.05	165	64582	38.073	ng		99
58) Fluorene	15.72	166	196586	39.027	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.30	232	65598	39.486	ng	#	99
60) Diethylphthalate	15.48	149	209353	37.120	ng		97
61) 4-Chlorophenyl-phenylether	15.71	204	125365	38.585	ng		95
62) 4-Nitroaniline	15.76	138	43583	40.062	ng		97
63) Azobenzene	16.00	77	180411	37.941	ng		99
65) 4,6-Dinitro-2-methylphenol	15.81	198	35660	34.797	ng		95
66) n-Nitrosodiphenylamine	15.93	169	170397	37.417	ng		99
67) 4-Bromophenyl-phenylether	16.60	248	85390	37.763	ng		95
68) Hexachlorobenzene	16.72	284	93710	38.464	ng		97
69) Atrazine	16.87	200	68415	35.491	ng		99
70) Pentachlorophenol	17.07	266	42884	38.847	ng		91
71) Phenanthrene	17.47	178	358522	39.326	ng		99
72) Anthracene	17.56	178	357098	39.148	ng		98
73) Carbazole	17.84	167	312859	40.346	ng		99
74) Di-n-butylphthalate	18.36	149	374222	38.397	ng		99
75) Fluoranthene	19.48	202	498517	41.014	ng		99
77) Benzidine	19.66	184	177845	39.058	ng		97
78) Pyrene	19.84	202	506334	36.142	ng		99
80) Butylbenzylphthalate	20.71	149	189077	36.138	ng		96
81) Benzo(a)anthracene	21.68	228	553509	38.795	ng		99
82) 3,3'-Dichlorobenzidine	21.59	252	195805	39.633	ng		98
83) Chrysene	21.75	228	540121	39.110	ng		99
84) Bis(2-ethylhexyl)phthalate	21.55	149	275070	37.084	ng		98
85) Di-n-octyl phthalate	22.76	149	474434	37.797	ng		98
86) Indeno(1,2,3-cd)pyrene	28.76	276	660672	39.508	ng	#	97
88) Benzo(b)fluoranthene	23.93	252	558588	38.566	ng		100
89) Benzo(k)fluoranthene	24.00	252	545150	38.337	ng		99
90) Benzo(a)pyrene	24.83	252	524818	38.151	ng		99
91) Dibenzo(a,h)anthracene	28.82	278	544536	39.512	ng		98
92) Benzo(g,h,i)perylene	29.95	276	533505	38.935	ng		99

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

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