Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG042120\
Data File : BG045106.D
Acq On : 21 Apr 2020 11:18
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Quant Time: Apr 21 14:16:53 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 14:13:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	60245	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	265543	20.00	ng		0.00
39) Acenaphthene-d10	14.66	164	210136	20.00	ng		0.00
64) Phenanthrene-d10	17.40	188	510017	20.00	ng		0.00
76) Chrysene-d12	21.67	240	467968	20.00	ng		0.00
87) Perylene-d12	24.86	264	521373	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.59	112	295536	80.99	ng		0.00
7) Phenol-d6	7.19	99	465852	85.92	ng		0.00
23) Nitrobenzene-d5	9.18	82	477616	82.07	ng		0.00
42) 2,4,6-Tribromophenol	16.15	330	268498	82.71	ng		0.00
45) 2-Fluorobiphenyl	13.28	172	1149192	80.19	ng		0.00
79) Terphenyl-d14	20.01	244	1862764	86.76	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	64360	39.686	ng		100
3) Pyridine	3.88	79	201916	40.438	ng		99
4) n-Nitrosodimethylamine	3.79	42	64493	42.163	ng	#	94
6) Aniline	7.34	93	290196	41.167	ng		99
8) 2-Chlorophenol	7.59	128	158962	40.533	ng		99
9) Benzaldehyde	7.15	77	126496	41.998	ng		94
10) Phenol	7.21	94	229824	42.361	ng		96
11) bis(2-Chloroethyl)ether	7.44	93	173211	40.099	ng		95
12) 1,3-Dichlorobenzene	7.91	146	181171	39.203	ng		100
13) 1,4-Dichlorobenzene	8.06	146	182499	39.632	ng		96
14) 1,2-Dichlorobenzene	8.38	146	176013	39.954	ng		94
15) Benzyl Alcohol	8.26	79	200691	44.150	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	162225	38.259	ng		96
17) 2-Methylphenol	8.46	107	178433	42.627	ng		94
18) Hexachloroethane	9.11	117	70638	40.805	ng		99
19) n-Nitroso-di-n-propylamine	8.83	70	164832	42.990	ng		97
20) 3+4-Methylphenols	8.80	107	253720	43.304	ng		96
22) Acetophenone	8.84	105	288327	40.152	ng		98
24) Nitrobenzene	9.22	77	243609	40.837	ng		95
25) Isophorone	9.75	82	494765	41.515	ng		100
26) 2-Nitrophenol	9.93	139	108534	42.238	ng		98
27) 2,4-Dimethylphenol	10.00	122	165271	40.536	ng		95
28) bis(2-Chloroethoxy)methane	10.23	93	252698	40.356	ng		98
29) 2,4-Dichlorophenol	10.48	162	196357	41.709	ng		96
30) 1,2,4-Trichlorobenzene	10.69	180	217484	40.802	ng		96
31) Naphthalene	10.88	128	593373	40.848	ng		99
32) Benzoic acid	10.14	122	117353	37.272	ng		94
33) 4-Chloroaniline	10.98	127	278864	41.163	ng		99
34) Hexachlorobutadiene	11.17	225	145883	39.919	ng		99
35) Caprolactam	11.75	113	78614	41.957	ng		97
36) 4-Chloro-3-methylphenol	12.11	107	235674	42.614	ng		98
37) 2-Methylnaphthalene	12.48	142	466812	41.402	ng		98
38) 1-Methylnaphthalene	12.70	142	433899	40.764	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	261320	38.624	ng		99

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Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG041520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Apr 21 14:13:24 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	166112	39.282	ng		95
43) 2,4,6-Trichlorophenol	13.09	196	195116	40.861	ng		95
44) 2,4,5-Trichlorophenol	13.17	196	222866	41.004	ng		98
46) 1,1'-Biphenyl	13.49	154	622813	38.995	ng		99
47) 2-Chloronaphthalene	13.53	162	477585	39.133	ng		99
48) 2-Nitroaniline	13.73	65	162337	40.429	ng		97
49) Acenaphthylene	14.38	152	788730	39.677	ng		99
50) Dimethylphthalate	14.11	163	693632	40.539	ng		99
51) 2,6-Dinitrotoluene	14.22	165	156807	40.973	ng		98
52) Acenaphthene	14.72	154	550753	40.949	ng		98
53) 3-Nitroaniline	14.56	138	164461	39.182	ng		94
54) 2,4-Dinitrophenol	14.76	184	98835	43.431	ng		94
55) Dibenzofuran	15.05	168	781269	39.843	ng		99
56) 4-Nitrophenol	14.87	139	129999	39.944	ng		95
57) 2,4-Dinitrotoluene	15.01	165	228838	40.916	ng	#	95
58) Fluorene	15.71	166	654228	40.846	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	206680	42.736	ng		98
60) Diethylphthalate	15.47	149	719858	40.353	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	379983	41.217	ng		99
62) 4-Nitroaniline	15.72	138	171314	39.351	ng		96
63) Azobenzene	15.99	77	658955	40.065	ng		98
65) 4,6-Dinitro-2-methylphenol	15.78	198	139660	41.660	ng		91
66) n-Nitrosodiphenylamine	15.91	169	585185	39.934	ng		100
67) 4-Bromophenyl-phenylether	16.59	248	265636	40.373	ng		97
68) Hexachlorobenzene	16.72	284	278161	40.763	ng		97
69) Atrazine	16.86	200	220403	40.790	ng		98
70) Pentachlorophenol	17.06	266	159127	38.012	ng		95
71) Phenanthrene	17.45	178	1058843	40.401	ng		100
72) Anthracene	17.53	178	1057053	40.208	ng		99
73) Carbazole	17.80	167	1029834	38.601	ng		99
74) Di-n-butylphthalate	18.37	149	1192792	40.460	ng		99
75) Fluoranthene	19.45	202	1283455	41.134	ng		98
77) Benzidine	19.62	184	594757	43.709	ng		99
78) Pyrene	19.81	202	1282612	39.756	ng		99
80) Butylbenzylphthalate	20.70	149	547362	40.931	ng		97
81) Benzo(a)anthracene	21.65	228	1244947	41.045	ng		97
82) 3,3'-Dichlorobenzidine	21.56	252	501058	41.504	ng		99
83) Chrysene	21.72	228	1193188	40.943	ng		99
84) Bis(2-ethylhexyl)phthalate	21.56	149	745188	40.516	ng		97
85) Di-n-octyl phthalate	22.77	149	1271475	39.977	ng		100
86) Indeno(1,2,3-cd)pyrene	28.48	276	1546272	39.964	ng	#	97
88) Benzo(b)fluoranthene	23.85	252	1327544	40.649	ng		99
89) Benzo(k)fluoranthene	23.92	252	1261093	40.604	ng		97
90) Benzo(a)pyrene	24.71	252	1247171	40.447	ng		99
91) Dibenzo(a,h)anthracene	28.55	278	1261421	40.599	ng		98
92) Benzo(g,h,i)perylene	29.62	276	1234610	39.634	ng		99

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

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ALS Vial : 2 Sample Multiplier: 1

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