Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA_G\DATA\BG060520\
Data File : BG045630.D
Acq On : 6 Jun 2020 00:57
Operator : CG/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040

Manual Integrations APPROVED
mohammad
6/8/2020 12:50:16 PM

Quant Time: Jun 06 03:34:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.95	152	86779	20.00	ng		0.00
21) Naphthalene-d8	10.76	136	339923	20.00	ng		0.00
39) Acenaphthene-d10	14.60	164	234620	20.00	ng		0.00
64) Phenanthrene-d10	17.35	188	546718	20.00	ng		0.00
76) Chrysene-d12	21.61	240	532523	20.00	ng		0.00
87) Perylene-d12	24.75	264	580457	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.54	112	401068	90.32	ng		0.00
7) Phenol-d6	7.15	99	579748	91.73	ng		0.00
23) Nitrobenzene-d5	9.12	82	564508	90.56	ng		0.00
42) 2,4,6-Tribromophenol	16.09	330	269056	89.67	ng		0.00
45) 2-Fluorobiphenyl	13.22	172	1232736	89.12	ng		0.00
79) Terphenyl-d14	19.96	244	1974815	86.49	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.41	88	91650	41.62	ng		97
3) Pyridine	3.81	79	269674	43.97	ng		96
4) n-Nitrosodimethylamine	3.72	42	96387	48.03	ng		83
6) Aniline	7.28	93	355959	43.15	ng		99
8) 2-Chlorophenol	7.53	128	214760	44.10	ng		99
9) Benzaldehyde	7.09	77	172812	41.97	ng		93
10) Phenol	7.18	94	294867	45.27	ng		97
11) bis(2-Chloroethyl)ether	7.37	93	220150	43.33	ng		97
12) 1,3-Dichlorobenzene	7.84	146	259961	44.42	ng		97
13) 1,4-Dichlorobenzene	7.99	146	260275	45.07	ng		95
14) 1,2-Dichlorobenzene	8.31	146	246073	44.30	ng		96
15) Benzyl Alcohol	8.20	79	244633	46.86	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.48	45	209365	43.41	ng		97
17) 2-Methylphenol	8.42	107	221066	45.34	ng		96
18) Hexachloroethane	9.04	117	101172	45.74	ng		93
19) n-Nitroso-di-n-propylamine	8.76	70	195134	44.65	ng		95
20) 3+4-Methylphenols	8.75	107	294708	44.39	ng		92
22) Acetophenone	8.77	105	356990	44.31	ng	#	97
24) Nitrobenzene	9.16	77	298393	44.68	ng		96
25) Isophorone	9.68	82	541337	44.10	ng		98
26) 2-Nitrophenol	9.87	139	130691	45.74	ng		97
27) 2,4-Dimethylphenol	9.95	122	187050	44.14	ng		99
28) bis(2-Chloroethoxy)methane	10.17	93	282750	43.92	ng		98
29) 2,4-Dichlorophenol	10.43	162	230254	46.02	ng		98
30) 1,2,4-Trichlorobenzene	10.62	180	266814	45.13	ng		98
31) Naphthalene	10.81	128	703930	44.44	ng		98
32) Benzoic acid	10.14	122	125917	44.59	ng		91
33) 4-Chloroaniline	10.92	127	298293	45.05	ng		99
34) Hexachlorobutadiene	11.10	225	193902	46.39	ng		97
35) Caprolactam	11.72	113	78816	42.91	ng		91
36) 4-Chloro-3-methylphenol	12.07	107	261388	46.36	ng		96
37) 2-Methylnaphthalene	12.42	142	535431	45.35	ng		96
38) 1-Methylnaphthalene	12.64	142	495485	44.43	ng		95
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	295948	45.16	ng		100

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Quant Time: Jun 06 03:34:55 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_G\METHODS\8270-BG051520.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Jun 01 15:07:00 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.77	237	141980	37.54	ng	96
43) 2,4,6-Trichlorophenol	13.04	196	209167	45.95	ng	98
44) 2,4,5-Trichlorophenol	13.12	196	233682	44.92	ng	98
46) 1,1'-Biphenyl	13.43	154	644170	44.68	ng	98
47) 2-Chloronaphthalene	13.47	162	526412	44.97	ng	99
48) 2-Nitroaniline	13.68	65	178273	46.29	ng	97
49) Acenaphthylene	14.32	152	832098	44.25	ng	100
50) Dimethylphthalate	14.06	163	689161	42.82	ng	100
51) 2,6-Dinitrotoluene	14.17	165	156939	43.21	ng	99
52) Acenaphthene	14.66	154	571508m	45.41	ng	
53) 3-Nitroaniline	14.51	138	161737	43.81	ng	98
54) 2,4-Dinitrophenol	14.71	184	92819	41.81	ng	98
55) Dibenzofuran	15.00	168	824865	44.13	ng	95
56) 4-Nitrophenol	14.85	139	112036	40.08	ng	91
57) 2,4-Dinitrotoluene	14.97	165	226248	43.01	ng	98
58) Fluorene	15.65	166	684510	44.58	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.23	232	202784	44.31	ng	99
60) Diethylphthalate	15.42	149	717737	42.84	ng	98
61) 4-Chlorophenyl-phenylether	15.64	204	392878	44.71	ng	100
62) 4-Nitroaniline	15.68	138	171520	44.50	ng	97
63) Azobenzene	15.93	77	685499	43.89	ng	98
65) 4,6-Dinitro-2-methylphenol	15.73	198	142138	44.64	ng	92
66) n-Nitrosodiphenylamine	15.85	169	597223	45.50	ng	97
67) 4-Bromophenyl-phenylether	16.53	248	276463	46.70	ng	98
68) Hexachlorobenzene	16.66	284	285061	46.04	ng	98
69) Atrazine	16.81	200	228265	42.22	ng	98
70) Pentachlorophenol	17.01	266	145352	45.21	ng	92
71) Phenanthrene	17.39	178	1066921	44.70	ng	99
72) Anthracene	17.48	178	1071636	44.71	ng	99
73) Carbazole	17.75	167	1050468	44.96	ng	99
74) Di-n-butylphthalate	18.31	149	1214138	43.30	ng	99
75) Fluoranthene	19.40	202	1332743	43.90	ng	99
77) Benzidine	19.58	184	498376	33.32	ng	99
78) Pyrene	19.76	202	1296587	42.71	ng	98
80) Butylbenzylphthalate	20.65	149	536785	40.97	ng	97
81) Benzo(a)anthracene	21.59	228	1330192	44.84	ng	99
82) 3,3'-Dichlorobenzidine	21.50	252	497272	42.73	ng	99
83) Chrysene	21.65	228	1272861	44.62	ng	99
84) Bis(2-ethylhexyl)phthalate	21.50	149	785669	43.62	ng	97
85) Di-n-octyl phthalate	22.68	149	1326085	42.87	ng	99
86) Indeno(1,2,3-cd)pyrene	28.34	276	1651109	44.27	ng	99
88) Benzo(b)fluoranthene	23.76	252	1385722	44.51	ng	100
89) Benzo(k)fluoranthene	23.82	252	1344800	45.98	ng	98
90) Benzo(a)pyrene	24.61	252	1314686	45.35	ng	97
91) Dibenzo(a,h)anthracene	28.39	278	1322168	45.38	ng	99
92) Benzo(g,h,i)perylene	29.45	276	1321479	45.35	ng	98

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

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