Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071119\
Data File : BG041627.D
Acq On : 11 Jul 2019 20:09
Operator : HP/JU
Sample : SSTDICC050
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDICC050

Manual Integrations APPROVED
mohammad
7/12/2019 10:38:32 PM

Quant Time: Jul 12 04:54:55 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jul 12 04:30:02 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	75228	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	330238	20.00	ng		0.00
39) Acenaphthene-d10	14.68	164	206802	20.00	ng		0.00
64) Phenanthrene-d10	17.41	188	481105	20.00	ng		0.00
76) Chrysene-d12	21.67	240	452206	20.00	ng		0.00
87) Perylene-d12	24.87	264	520171	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.62	112	463089	113.11	ng		0.00
7) Phenol-d6	7.20	99	613079	103.31	ng		0.00
23) Nitrobenzene-d5	9.22	82	532012	67.75	ng		0.00
42) 2,4,6-Tribromophenol	16.16	330	232643	73.28	ng		0.00
45) 2-Fluorobiphenyl	13.31	172	1347729	88.58	ng		0.00
79) Terphenyl-d14	20.02	244	1790480	78.47	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	103678	50.500	ng	#	81
3) Pyridine	3.90	79	282420	51.855	ng	#	86
4) n-Nitrosodimethylamine	3.82	42	134452	46.292	ng	#	75
6) Aniline	7.38	93	414891	50.296	ng		99
8) 2-Chlorophenol	7.62	128	252198	52.424	ng		96
9) Benzaldehyde	7.18	77	159968	42.143	ng		96
10) Phenol	7.23	94	318066	49.839	ng		81
11) bis(2-Chloroethyl)ether	7.47	93	258632	53.412	ng		97
12) 1,3-Dichlorobenzene	7.95	146	312085	51.811	ng	#	88
13) 1,4-Dichlorobenzene	8.09	146	308629	50.159	ng		93
14) 1,2-Dichlorobenzene	8.41	146	290236	49.385	ng		96
15) Benzyl Alcohol	8.29	79	246467	43.346	ng		90
16) 2,2'-oxybis(1-Chloropropan	8.59	45	553178	69.786	ng		89
17) 2-Methylphenol	8.49	107	225079	49.332	ng	#	87
18) Hexachloroethane	9.15	117	114424	46.929	ng		89
19) n-Nitroso-di-n-propylamine	8.86	70	221939	46.238	ng	#	93
20) 3+4-Methylphenols	8.82	107	307777	50.673	ng		89
22) Acetophenone	8.88	105	398303	41.447	ng	#	96
24) Nitrobenzene	9.25	77	279711	35.419	ng	#	90
25) Isophorone	9.78	82	581767	40.383	ng	#	93
26) 2-Nitrophenol	9.97	139	122901	38.386	ng	#	76
27) 2,4-Dimethylphenol	10.02	122	232912	48.531	ng		86
28) bis(2-Chloroethoxy)methane	10.26	93	362248	48.260	ng		98
29) 2,4-Dichlorophenol	10.50	162	265749	44.659	ng		98
30) 1,2,4-Trichlorobenzene	10.73	180	311138	40.826	ng		96
31) Naphthalene	10.91	128	802192	44.695	ng		99
32) Benzoic acid	10.16	122	173060	55.394	ng	#	82
33) 4-Chloroaniline	11.01	127	381268	50.019	ng	#	89
34) Hexachlorobutadiene	11.21	225	200919	33.213	ng		98
35) Caprolactam	11.78	113	99023	48.337	ng		94
36) 4-Chloro-3-methylphenol	12.13	107	277088	40.313	ng	#	83
37) 2-Methylnaphthalene	12.51	142	607722	45.973	ng	#	93
38) 1-Methylnaphthalene	12.73	142	573107	45.314	ng		100
40) 1,2,4,5-Tetrachlorobenzene	12.88	216	348499	40.810	ng		98

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	213514	37.119 ng		100
43) 2,4,6-Trichlorophenol	13.11	196	226781	42.930 ng		98
44) 2,4,5-Trichlorophenol	13.18	196	231733	42.633 ng		99
46) 1,1'-Biphenyl	13.52	154	769172	49.198 ng		97
47) 2-Chloronaphthalene	13.56	162	637401	47.355 ng		97
48) 2-Nitroaniline	13.75	65	172737	35.041 ng	#	80
49) Acenaphthylene	14.40	152	975366	47.753 ng		96
50) Dimethylphthalate	14.13	163	814512	44.266 ng		98
51) 2,6-Dinitrotoluene	14.24	165	158755	40.918 ng	#	80
52) Acenaphthene	14.74	154	618929	51.604 ng		94
53) 3-Nitroaniline	14.56	138	179862	47.053 ng	#	92
54) 2,4-Dinitrophenol	14.76	184	69414	27.931 ng	#	64
55) Dibenzofuran	15.07	168	931237	44.656 ng		94
56) 4-Nitrophenol	14.86	139	139492	52.524 ng	#	68
57) 2,4-Dinitrotoluene	15.02	165	209265	36.898 ng	#	82
58) Fluorene	15.72	166	757654	46.186 ng		99
59) 2,3,4,6-Tetrachlorophenol	15.29	232	217009m	38.608 ng		
60) Diethylphthalate	15.49	149	812592	43.448 ng		97
61) 4-Chlorophenyl-phenylether	15.72	204	427522	40.056 ng		97
62) 4-Nitroaniline	15.73	138	187718	45.916 ng	#	67
63) Azobenzene	16.01	77	716636	42.951 ng		94
65) 4,6-Dinitro-2-methylphenol	15.79	198	98582	31.569 ng		96
66) n-Nitrosodiphenylamine	15.92	169	699055	54.723 ng		98
67) 4-Bromophenyl-phenylether	16.61	248	285723	45.930 ng		94
68) Hexachlorobenzene	16.73	284	284454	42.701 ng	#	94
69) Atrazine	16.87	200	178018	42.726 ng		99
70) Pentachlorophenol	17.06	266	173523	50.871 ng		98
71) Phenanthrene	17.45	178	1209887	47.152 ng		97
72) Anthracene	17.55	178	1213373	47.966 ng		96
73) Carbazole	17.81	167	1108232	50.081 ng		96
74) Di-n-butylphthalate	18.38	149	1366643	49.496 ng		97
75) Fluoranthene	19.46	202	1447058	42.450 ng		91
77) Benzidine	19.63	184	652646	59.669 ng		97
78) Pyrene	19.82	202	1450105	47.549 ng		93
80) Butylbenzylphthalate	20.71	149	633186	54.891 ng		97
81) Benzo(a)anthracene	21.65	228	1437526	46.950 ng		95
82) 3,3'-Dichlorobenzidine	21.56	252	596974	55.542 ng	#	99
83) Chrysene	21.71	228	1387542	47.123 ng		94
84) Bis(2-ethylhexyl)phthalate	21.58	149	897270	57.077 ng		98
85) Di-n-octyl phthalate	22.80	149	1571782	59.097 ng	#	93
86) Indeno(1,2,3-cd)pyrene	28.54	276	1791479	51.281 ng	#	93
88) Benzo(b)fluoranthene	23.86	252	1555878	48.264 ng	#	93
89) Benzo(k)fluoranthene	23.93	252	1498437	46.921 ng	#	96
90) Benzo(a)pyrene	24.73	252	1495004	49.105 ng	#	94
91) Dibenzo(a,h)anthracene	28.62	278	1441330	47.024 ng	#	93
92) Benzo(g,h,i)perylene	29.68	276	1431217	47.250 ng	#	88

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

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