Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG061319\
Data File : BG041230.D
Acq On : 13 Jun 2019 19:31
Operator : HP/JU
Sample : SSTDCCC040
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SSTDCCC040EC

Manual Integrations APPROVED
mohammad
6/17/2019 4:53:55 PM

Quant Time: Jun 14 09:03:01 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sun Jun 09 23:08:34 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	38119	20.00	ng		0.00
21) Naphthalene-d8	10.92	136	158836	20.00	ng		0.00
39) Acenaphthene-d10	14.74	164	116899	20.00	ng		0.00
64) Phenanthrene-d10	17.48	188	271453	20.00	ng		0.00
76) Chrysene-d12	21.76	240	276490	20.00	ng		0.00
87) Perylene-d12	25.08	264	268135	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.64	112	166904	78.95	ng		0.00
7) Phenol-d6	7.25	99	251242	76.96	ng		0.00
23) Nitrobenzene-d5	9.28	82	301712	84.33	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	132979	76.63	ng		0.00
45) 2-Fluorobiphenyl	13.36	172	692771	85.34	ng		0.00
79) Terphenyl-d14	20.07	244	1142759	87.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.50	88	33113	34.519	ng		97
3) Pyridine	3.91	79	100171	35.291	ng		98
4) n-Nitrosodimethylamine	3.84	42	53890	40.908	ng	#	86
6) Aniline	7.43	93	169164	38.819	ng		99
8) 2-Chlorophenol	7.66	128	97830	38.818	ng		94
9) Benzaldehyde	7.24	77	79066	40.598	ng		87
10) Phenol	7.28	94	132109	37.740	ng		98
11) bis(2-Chloroethyl)ether	7.52	93	99284	39.097	ng		99
12) 1,3-Dichlorobenzene	7.99	146	125019	41.534	ng		94
13) 1,4-Dichlorobenzene	8.14	146	127564	41.868	ng		95
14) 1,2-Dichlorobenzene	8.46	146	121091	40.932	ng		99
15) Benzyl Alcohol	8.34	79	115147	38.128	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.62	45	161413	38.899	ng		98
17) 2-Methylphenol	8.54	107	96736	38.167	ng		96
18) Hexachloroethane	9.18	117	50252	42.793	ng		90
19) n-Nitroso-di-n-propylamine	8.91	70	98404	39.167	ng	#	98
20) 3+4-Methylphenols	8.87	107	131959	37.587	ng		99
22) Acetophenone	8.94	105	180081	40.417	ng	#	98
24) Nitrobenzene	9.33	77	153118	41.994	ng		99
25) Isophorone	9.84	82	268948	39.499	ng		99
26) 2-Nitrophenol	10.04	139	63812	42.452	ng	#	86
27) 2,4-Dimethylphenol	10.08	122	97444	39.252	ng		92
28) bis(2-Chloroethoxy)methane	10.32	93	147020	40.005	ng		99
29) 2,4-Dichlorophenol	10.56	162	126459	40.114	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	152273	42.460	ng		93
31) Naphthalene	10.98	128	354525	41.572	ng		99
32) Benzoic acid	10.22	122	68646m	37.668	ng		
33) 4-Chloroaniline	11.09	127	155180	39.217	ng		96
34) Hexachlorobutadiene	11.23	225	119543	43.565	ng		96
35) Caprolactam	11.89	113	36550	35.109	ng	#	84
36) 4-Chloro-3-methylphenol	12.20	107	134761	37.430	ng		97
37) 2-Methylnaphthalene	12.57	142	264220	40.227	ng		99
38) 1-Methylnaphthalene	12.79	142	250443	40.463	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	200869	42.632	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	88934	39.734	ng		97
43) 2,4,6-Trichlorophenol	13.17	196	124898	40.977	ng		98
44) 2,4,5-Trichlorophenol	13.24	196	123774	38.504	ng		98
46) 1,1'-Biphenyl	13.57	154	356921	41.248	ng		97
47) 2-Chloronaphthalene	13.62	162	306874	41.310	ng		98
48) 2-Nitroaniline	13.83	65	107515	40.344	ng		98
49) Acenaphthylene	14.46	152	445361	39.834	ng		98
50) Dimethylphthalate	14.18	163	385232	38.930	ng		99
51) 2,6-Dinitrotoluene	14.31	165	84718	39.707	ng		98
52) Acenaphthene	14.80	154	265167	39.150	ng		98
53) 3-Nitroaniline	14.65	138	81034	37.982	ng		97
54) 2,4-Dinitrophenol	14.85	184	29957	37.512	ng		95
55) Dibenzofuran	15.13	168	452036	39.664	ng		100
56) 4-Nitrophenol	14.95	139	50621	34.592	ng		91
57) 2,4-Dinitrotoluene	15.10	165	116029	38.499	ng	#	97
58) Fluorene	15.78	166	345666	38.085	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.35	232	121014	38.306	ng		99
60) Diethylphthalate	15.54	149	387390	38.360	ng		99
61) 4-Chlorophenyl-phenylether	15.76	204	228077	38.662	ng		93
62) 4-Nitroaniline	15.81	138	84537	37.428	ng		99
63) Azobenzene	16.06	77	348023	37.917	ng		99
65) 4,6-Dinitro-2-methylphenol	15.86	198	60321	42.638	ng		95
66) n-Nitrosodiphenylamine	15.98	169	311572	40.831	ng		100
67) 4-Bromophenyl-phenylether	16.66	248	147417	40.241	ng		96
68) Hexachlorobenzene	16.78	284	154455	39.595	ng		99
69) Atrazine	16.92	200	119361	40.538	ng		99
70) Pentachlorophenol	17.12	266	77795	39.503	ng		96
71) Phenanthrene	17.52	178	592834	41.927	ng		99
72) Anthracene	17.62	178	583841	41.866	ng		99
73) Carbazole	17.89	167	500404	41.820	ng		98
74) Di-n-butylphthalate	18.41	149	617586	41.527	ng		99
75) Fluoranthene	19.52	202	756064	43.291	ng		99
77) Benzidine	19.71	184	188321	28.552	ng		97
78) Pyrene	19.89	202	758589	42.206	ng		97
80) Butylbenzylphthalate	20.75	149	288936	41.309	ng		98
81) Benzo(a)anthracene	21.73	228	752257	40.873	ng		99
82) 3,3'-Dichlorobenzidine	21.65	252	248008	38.312	ng		99
83) Chrysene	21.80	228	730390	41.469	ng		99
84) Bis(2-ethylhexyl)phthalate	21.60	149	393818	39.996	ng		96
85) Di-n-octyl phthalate	22.84	149	665160	40.562	ng		100
86) Indeno(1,2,3-cd)pyrene	28.89	276	541438	25.095	ng	#	56
88) Benzo(b)fluoranthene	24.01	252	667514	41.044	ng		99
89) Benzo(k)fluoranthene	24.08	252	731615	45.460	ng		99
90) Benzo(a)pyrene	24.92	252	659523	42.505	ng		94
91) Dibenzo(a,h)anthracene	28.97	278	432259	27.880	ng		97
92) Benzo(g,h,i)perylene	30.10	276	341742	22.688	ng		95

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

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