Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091719\
Data File : BG042875.D
Acq On : 17 Sep 2019 20:02
Operator : HP/JU
Sample : K4918-12MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : SB-12MS

Manual Integrations APPROVED
mohammad
9/18/2019 2:18:39 PM

Quant Time: Sep 18 02:15:43 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG091219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Sep 12 14:06:09 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	59112	20.00	ng		-0.02
21) Naphthalene-d8	10.91	136	244713	20.00	ng		-0.02
39) Acenaphthene-d10	14.73	164	201274	20.00	ng		-0.01
64) Phenanthrene-d10	17.47	188	486228	20.00	ng		-0.01
76) Chrysene-d12	21.75	240	380469	20.00	ng		-0.01
87) Perylene-d12	25.01	264	397671	20.00	ng		-0.03
System Monitoring Compounds							
5) 2-Fluorophenol	5.71	112	340670	100.19	ng		0.02
7) Phenol-d6	7.31	99	537243	110.08	ng		0.04
23) Nitrobenzene-d5	9.28	82	350144	74.49	ng		0.00
42) 2,4,6-Tribromophenol	16.22	330	325353	121.50	ng		0.00
45) 2-Fluorobiphenyl	13.35	172	880175	69.22	ng		-0.02
79) Terphenyl-d14	20.07	244	1410367	82.16	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.60	88	36277	23.378	ng	#	80
3) Pyridine	4.05	79	100341	21.477	ng		86
4) n-Nitrosodimethylamine	3.92	42	78844	34.681	ng	#	78
6) Aniline	7.45	93	105558	16.032	ng		97
8) 2-Chlorophenol	7.69	128	145154	39.495	ng		97
9) Benzaldehyde	7.26	77	89651	28.229	ng		97
10) Phenol	7.33	94	213277	42.614	ng		89
11) bis(2-Chloroethyl)ether	7.54	93	128524	33.461	ng		97
12) 1,3-Dichlorobenzene	8.00	146	150743	33.627	ng		98
13) 1,4-Dichlorobenzene	8.15	146	155558	34.661	ng		96
14) 1,2-Dichlorobenzene	8.46	146	146698	34.338	ng		96
15) Benzyl Alcohol	8.37	79	156832	37.446	ng		96
16) 2,2'-oxybis(1-Chloropropan	8.64	45	306959	36.391	ng		97
17) 2-Methylphenol	8.57	107	137759	41.143	ng		93
18) Hexachloroethane	9.20	117	56925	34.356	ng		92
19) n-Nitroso-di-n-propylamine	8.94	70	130843	36.385	ng		93
20) 3+4-Methylphenols	8.90	107	188776	40.900	ng		98
22) Acetophenone	8.95	105	227095	36.745	ng	#	94
24) Nitrobenzene	9.32	77	198067	40.146	ng		98
25) Isophorone	9.88	82	360805	36.826	ng		99
26) 2-Nitrophenol	10.03	139	87144	44.918	ng	#	96
27) 2,4-Dimethylphenol	10.10	122	152314	44.383	ng		97
28) bis(2-Chloroethoxy)methane	10.33	93	194674	35.630	ng		98
29) 2,4-Dichlorophenol	10.57	162	176682	44.303	ng		98
30) 1,2,4-Trichlorobenzene	10.78	180	191091	39.246	ng		98
31) Naphthalene	10.97	128	481749	39.872	ng		100
32) Benzoic acid	10.29	122	109126	40.393	ng		93
33) 4-Chloroaniline	11.08	127	39515	6.997	ng	#	94
34) Hexachlorobutadiene	11.25	225	139195	40.803	ng		95
35) Caprolactam	11.97	113	58096m	39.174	ng		
36) 4-Chloro-3-methylphenol	12.21	107	195880	45.237	ng		97
37) 2-Methylnaphthalene	12.56	142	385027	42.541	ng		97
38) 1-Methylnaphthalene	12.78	142	364145m	42.897	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.93	216	264017	39.696	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.91	237	357907	93.934	ng		97
43) 2,4,6-Trichlorophenol	13.18	196	180354	40.731	ng		99
44) 2,4,5-Trichlorophenol	13.25	196	196811	43.394	ng		96
46) 1,1'-Biphenyl	13.56	154	554775	39.373	ng		100
47) 2-Chloronaphthalene	13.60	162	433300	37.174	ng		100
48) 2-Nitroaniline	13.82	65	154343	38.171	ng		99
49) Acenaphthylene	14.45	152	711790	39.961	ng		96
50) Dimethylphthalate	14.20	163	709364	47.047	ng		100
51) 2,6-Dinitrotoluene	14.30	165	133308	43.088	ng		98
52) Acenaphthene	14.79	154	422741	36.328	ng		99
53) 3-Nitroaniline	14.64	138	43701	12.586	ng	#	98
54) 2,4-Dinitrophenol	14.83	184	168071	110.351	ng	#	71
55) Dibenzofuran	15.13	168	697676	40.336	ng		98
56) 4-Nitrophenol	14.96	139	215445	80.248	ng		95
57) 2,4-Dinitrotoluene	15.09	165	188622	45.739	ng		99
58) Fluorene	15.77	166	591201	41.242	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.36	232	202116	45.971	ng		98
60) Diethylphthalate	15.56	149	594812	38.863	ng		98
61) 4-Chlorophenyl-phenylether	15.76	204	350597	41.365	ng		98
62) 4-Nitroaniline	15.80	138	137532	36.746	ng		84
63) Azobenzene	16.05	77	577892	39.210	ng		97
65) 4,6-Dinitro-2-methylphenol	15.85	198	124221	59.708	ng		95
66) n-Nitrosodiphenylamine	15.98	169	532456	40.695	ng		98
67) 4-Bromophenyl-phenylether	16.66	248	235712	40.052	ng		97
68) Hexachlorobenzene	16.78	284	247186	39.308	ng		96
69) Atrazine	16.94	200	208227	45.701	ng		98
70) Pentachlorophenol	17.12	266	331122	88.761	ng		93
71) Phenanthrene	17.51	178	956070	41.116	ng		100
72) Anthracene	17.61	178	957748	41.227	ng		100
73) Carbazole	17.88	167	863075	39.088	ng		97
74) Di-n-butylphthalate	18.44	149	953021	36.031	ng		99
75) Fluoranthene	19.52	202	1150150	38.164	ng		98
77) Benzidine	19.70	184	278327	26.184	ng		98
78) Pyrene	19.88	202	1143398	48.002	ng		98
80) Butylbenzylphthalate	20.77	149	362666	37.620	ng		97
81) Benzo(a)anthracene	21.73	228	959971	39.683	ng		100
82) 3,3'-Dichlorobenzidine	21.65	252	136747	14.546	ng	#	99
83) Chrysene	21.80	228	918466	40.083	ng		99
84) Bis(2-ethylhexyl)phthalate	21.65	149	465275	35.323	ng	#	98
85) Di-n-octyl phthalate	22.88	149	737642	32.850	ng		96
86) Indeno(1,2,3-cd)pyrene	28.75	276	977072	34.433	ng	#	89
88) Benzo(b)fluoranthene	23.98	252	923006	39.529	ng	#	97
89) Benzo(k)fluoranthene	24.05	252	882916	40.028	ng	#	98
90) Benzo(a)pyrene	24.86	252	884192	40.440	ng	#	98
91) Dibenzo(a,h)anthracene	28.82	278	828888	38.545	ng	#	98
92) Benzo(g,h,i)perylene	29.91	276	837313	39.918	ng	#	92

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

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