Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG010320\
Data File : BG043915.D
Acq On : 4 Jan 2020 10:17
Operator : JU
Sample : K6113-20MS
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
OR-02-123119MS

Manual Integrations APPROVED
mohammad
1/6/2020 11:42:07 AM

Quant Time: Jan 06 05:35:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.96	152	130821	20.00	ng	0.00
21) Naphthalene-d8	10.77	136	560609	20.00	ng	0.00
39) Acenaphthene-d10	14.60	164	372920	20.00	ng	0.00
64) Phenanthrene-d10	17.34	188	796243	20.00	ng	0.00
76) Chrysene-d12	21.60	240	676707	20.00	ng	0.00
87) Perylene-d12	24.72	264	779944	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	1101168	154.55	ng	0.00
7) Phenol-d6	7.14	99	1498982	150.51	ng	0.01
23) Nitrobenzene-d5	9.12	82	915810	87.39	ng	0.00
42) 2,4,6-Tribromophenol	16.08	330	576398	147.70	ng	0.00
45) 2-Fluorobiphenyl	13.22	172	1904196	92.51	ng	0.00
79) Terphenyl-d14	19.95	244	2600694	95.72	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.45	88	136730	44.013	ng	# 40
3) Pyridine	3.85	79	331237	36.093	ng	94
4) n-Nitrosodimethylamine	3.75	42	199872	48.917	ng	98
6) Aniline	7.29	93	177435	13.564	ng	97
8) 2-Chlorophenol	7.54	128	471988	56.428	ng	100
9) Benzaldehyde	7.09	77	251382	39.438	ng	98
10) Phenol	7.16	94	570366	55.585	ng	99
11) bis(2-Chloroethyl)ether	7.39	93	449963	50.801	ng	99
12) 1,3-Dichlorobenzene	7.86	146	452754	46.256	ng	99
13) 1,4-Dichlorobenzene	8.00	146	454557	47.067	ng	99
14) 1,2-Dichlorobenzene	8.32	146	436744	47.114	ng	100
15) Benzyl Alcohol	8.20	79	425472	54.131	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.50	45	643032	46.925	ng	99
17) 2-Methylphenol	8.41	107	418400	56.346	ng	95
18) Hexachloroethane	9.05	117	171215	45.561	ng	97
19) n-Nitroso-di-n-propylamine	8.77	70	368110	49.632	ng	99
20) 3+4-Methylphenols	8.74	107	582853	56.266	ng	98
22) Acetophenone	8.79	105	665234	47.731	ng	# 98
24) Nitrobenzene	9.16	77	513082	49.434	ng	99
25) Isophorone	9.69	82	996168	50.668	ng	99
26) 2-Nitrophenol	9.87	139	271928	55.377	ng	98
27) 2,4-Dimethylphenol	9.94	122	448209	60.636	ng	99
28) bis(2-Chloroethoxy)methane	10.17	93	630236	48.083	ng	99
29) 2,4-Dichlorophenol	10.41	162	481799	54.643	ng	99
30) 1,2,4-Trichlorobenzene	10.63	180	461511	46.682	ng	98
31) Naphthalene	10.81	128	1362481	50.223	ng	99
32) Benzoic acid	10.08	122	186128	33.148	ng	95
33) 4-Chloroaniline	10.93	127	34415	2.660	ng	98
34) Hexachlorobutadiene	11.11	225	260954	43.232	ng	99
35) Caprolactam	11.70	113	183680m	55.960	ng	
36) 4-Chloro-3-methylphenol	12.05	107	537838	57.300	ng	98
37) 2-Methylnaphthalene	12.42	142	1037801	50.812	ng	99
38) 1-Methylnaphthalene	12.64	142	1001549	51.740	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.79	216	493585	45.157	ng	99

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Quant Time: Jan 06 05:35:40 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Dec 31 13:32:23 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.78	237	565185	99.738	ng		98
43) 2,4,6-Trichlorophenol	13.03	196	394439	52.446	ng		98
44) 2,4,5-Trichlorophenol	13.11	196	421795	54.376	ng		99
46) 1,1'-Biphenyl	13.43	154	1312599	49.092	ng		99
47) 2-Chloronaphthalene	13.47	162	1034951	47.902	ng		98
48) 2-Nitroaniline	13.67	65	344368	49.549	ng		96
49) Acenaphthylene	14.32	152	1610126	51.849	ng		99
50) Dimethylphthalate	14.05	163	1349183	50.953	ng		99
51) 2,6-Dinitrotoluene	14.16	165	320634	53.574	ng		99
52) Acenaphthene	14.66	154	1159600	53.247	ng		100
53) 3-Nitroaniline	14.49	138	95213	14.010	ng		98
54) 2,4-Dinitrophenol	14.70	184	244476	80.170	ng		98
55) Dibenzofuran	15.00	168	1557023	51.936	ng		98
56) 4-Nitrophenol	14.81	139	586291	112.574	ng		99
57) 2,4-Dinitrotoluene	14.95	165	443240	54.428	ng		93
58) Fluorene	15.64	166	1237379	52.074	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.22	232	361904	54.258	ng		100
60) Diethylphthalate	15.42	149	1380343	52.120	ng		100
61) 4-Chlorophenyl-phenylether	15.64	204	649368	50.328	ng		99
62) 4-Nitroaniline	15.66	138	321976	47.974	ng		97
63) Azobenzene	15.93	77	1305522	53.154	ng		98
65) 4,6-Dinitro-2-methylphenol	15.72	198	215840	52.191	ng		97
66) n-Nitrosodiphenylamine	15.85	169	1177342	50.210	ng		98
67) 4-Bromophenyl-phenylether	16.53	248	430840	48.110	ng		100
68) Hexachlorobenzene	16.65	284	455067	47.159	ng		98
69) Atrazine	16.80	200	447543	58.718	ng		99
70) Pentachlorophenol	16.99	266	515308	96.874	ng		97
71) Phenanthrene	17.38	178	1906592	49.921	ng		95
72) Anthracene	17.47	178	1957814	51.870	ng		97
73) Carbazole	17.74	167	1830179	52.493	ng		98
74) Di-n-butylphthalate	18.31	149	2164414	48.623	ng		97
75) Fluoranthene	19.39	202	2186973	50.071	ng		98
77) Benzidine	19.56	184	124322	7.309	ng		98
78) Pyrene	19.75	202	2192841	49.644	ng		96
80) Butylbenzylphthalate	20.64	149	1072424	50.996	ng		99
81) Benzo(a)anthracene	21.57	228	2124272	50.625	ng		97
82) 3,3'-Dichlorobenzidine	21.49	252	330859	19.958	ng		100
83) Chrysene	21.64	228	2023140	50.742	ng		97
84) Bis(2-ethylhexyl)phthalate	21.50	149	1479269	50.980	ng		98
85) Di-n-octyl phthalate	22.69	149	2534589	51.958	ng		99
86) Indeno(1,2,3-cd)pyrene	28.27	276	2805979	51.786	ng	#	89
88) Benzo(b)fluoranthene	23.73	252	2338038	50.708	ng		97
89) Benzo(k)fluoranthene	23.80	252	2196958	50.106	ng		98
90) Benzo(a)pyrene	24.58	252	2154856	49.516	ng		99
91) Dibenzo(a,h)anthracene	28.33	278	2299390	52.611	ng		99
92) Benzo(g,h,i)perylene	29.39	276	2290378	52.758	ng		100

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

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