Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
Data File : BG043783.D
Acq On : 26 Nov 2019 18:32
Operator : JU
Sample : K5663-04MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
AU-06-112219MS

Manual Integrations APPROVED
jagrut
11/27/2019 11:31:41 PM

Quant Time: Nov 27 03:58:58 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Sat Nov 23 00:54:00 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	55014	20.00	ng	-0.01
21) Naphthalene-d8	10.83	136	280061	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	234650	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	666023	20.00	ng	0.00
76) Chrysene-d12	21.65	240	820609	20.00	ng	-0.01
87) Perylene-d12	24.83	264	777757	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	523559	171.09	ng	0.00
7) Phenol-d6	7.18	99	798713	179.55	ng	0.00
23) Nitrobenzene-d5	9.17	82	431234	84.66	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	394569	139.41	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1098219	76.93	ng	-0.01
79) Terphenyl-d14	20.00	244	2671197	73.55	ng	-0.01
Target Compounds						Qvalue
2) 1,4-Dioxane	3.52	88	38620	28.463	ng	# 42
3) Pyridine	3.92	79	172051	45.034	ng	97
4) n-Nitrosodimethylamine	3.82	42	85538	45.072	ng	# 86
6) Aniline	7.35	93	134481	23.199	ng	95
8) 2-Chlorophenol	7.59	128	199788	57.242	ng	94
9) Benzaldehyde	7.16	77	89749	33.777	ng	96
10) Phenol	7.21	94	276249	60.493	ng	95
11) bis(2-Chloroethyl)ether	7.44	93	179551	47.111	ng	95
12) 1,3-Dichlorobenzene	7.92	146	168338	40.972	ng	96
13) 1,4-Dichlorobenzene	8.06	146	174906	42.029	ng	99
14) 1,2-Dichlorobenzene	8.38	146	173091	43.959	ng	96
15) Benzyl Alcohol	8.26	79	205775	55.383	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.56	45	270382	41.252	ng	98
17) 2-Methylphenol	8.46	107	193991	59.416	ng	99
18) Hexachloroethane	9.12	117	60502	38.513	ng	99
19) n-Nitroso-di-n-propylamine	8.83	70	170800	48.825	ng	91
20) 3+4-Methylphenols	8.79	107	280925	61.675	ng	98
22) Acetophenone	8.84	105	302385	40.737	ng	# 96
24) Nitrobenzene	9.22	77	228430	43.629	ng	96
25) Isophorone	9.74	82	504711	46.211	ng	97
26) 2-Nitrophenol	9.93	139	95754	50.691	ng	95
27) 2,4-Dimethylphenol	9.99	122	221432	59.699	ng	92
28) bis(2-Chloroethoxy)methane	10.23	93	283384	42.097	ng	98
29) 2,4-Dichlorophenol	10.47	162	239041	53.012	ng	96
30) 1,2,4-Trichlorobenzene	10.69	180	198598	37.585	ng	96
31) Naphthalene	10.88	128	604974	43.546	ng	100
32) Benzoic acid	10.08	122	75894	28.373	ng	92
33) 4-Chloroaniline	10.97	127	49604	7.411	ng	98
34) Hexachlorobutadiene	11.18	225	114785	33.035	ng	98
35) Caprolactam	11.72	113	114675m	62.543	ng	
36) 4-Chloro-3-methylphenol	12.09	107	287696	56.773	ng	99
37) 2-Methylnaphthalene	12.48	142	480511	45.897	ng	98
38) 1-Methylnaphthalene	12.70	142	466938	46.994	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	254801	34.126	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	182710	45.293	ng		99
43) 2,4,6-Trichlorophenol	13.08	196	216042	44.990	ng		99
44) 2,4,5-Trichlorophenol	13.15	196	248991	49.841	ng		98
46) 1,1'-Biphenyl	13.49	154	658273	40.471	ng		99
47) 2-Chloronaphthalene	13.53	162	525964	39.653	ng		99
48) 2-Nitroaniline	13.72	65	191831	49.400	ng		99
49) Acenaphthylene	14.37	152	913854	43.790	ng		98
50) Dimethylphthalate	14.10	163	894312	48.112	ng		99
51) 2,6-Dinitrotoluene	14.21	165	179485	51.996	ng		99
52) Acenaphthene	14.71	154	583588	43.728	ng		99
53) 3-Nitroaniline	14.53	138	75913	18.828	ng		93
54) 2,4-Dinitrophenol	14.74	184	78748	55.836	ng	#	81
55) Dibenzofuran	15.05	168	914602	43.990	ng		99
56) 4-Nitrophenol	14.84	139	422733	124.473	ng		92
57) 2,4-Dinitrotoluene	15.00	165	267596	55.898	ng		95
58) Fluorene	15.70	166	762075	44.696	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.27	232	246539	49.135	ng	#	87
60) Diethylphthalate	15.47	149	866325	45.785	ng		99
61) 4-Chlorophenyl-phenylether	15.69	204	391974	41.755	ng		99
62) 4-Nitroaniline	15.70	138	228225	49.363	ng		91
63) Azobenzene	15.98	77	779255	44.541	ng		96
65) 4,6-Dinitro-2-methylphenol	15.76	198	80726	35.850	ng		92
66) n-Nitrosodiphenylamine	15.90	169	745725	42.289	ng		98
67) 4-Bromophenyl-phenylether	16.58	248	269525	38.374	ng		98
68) Hexachlorobenzene	16.71	284	287684	37.467	ng		96
69) Atrazine	16.85	200	345526	48.891	ng		97
70) Pentachlorophenol	17.04	266	369191	78.797	ng		98
71) Phenanthrene	17.44	178	1422698	43.170	ng		98
72) Anthracene	17.52	178	1465158	44.011	ng		96
73) Carbazole	17.79	167	1510974	47.251	ng		97
74) Di-n-butylphthalate	18.36	149	1696338	40.184	ng		97
75) Fluoranthene	19.44	202	1999514	42.297	ng		93
77) Benzidine	19.62	184	678858	28.320	ng		99
78) Pyrene	19.80	202	2071259	39.109	ng		95
80) Butylbenzylphthalate	20.70	149	1070485	44.370	ng		100
81) Benzo(a)anthracene	21.64	228	2239227	40.817	ng		93
82) 3,3'-Dichlorobenzidine	21.55	252	232195	11.287	ng		99
83) Chrysene	21.70	228	2121611	40.870	ng		93
84) Bis(2-ethylhexyl)phthalate	21.57	149	1515790	44.653	ng		94
85) Di-n-octyl phthalate	22.78	149	2195757	39.879	ng		99
86) Indeno(1,2,3-cd)pyrene	28.43	276	2306283	38.193	ng		99
88) Benzo(b)fluoranthene	23.83	252	2020013	43.500	ng		96
89) Benzo(k)fluoranthene	23.90	252	1869474	41.948	ng		97
90) Benzo(a)pyrene	24.68	252	1805964	41.359	ng		97
91) Dibenzo(a,h)anthracene	28.51	278	1876178	44.297	ng	#	97
92) Benzo(g,h,i)perylene	29.56	276	1915904	45.870	ng		97

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

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