Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
Data File : BG043410.D
Acq On : 30 Oct 2019 21:12
Operator : JU
Sample : K5501-13MSD
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
184-40-(0-2)MSD

Manual Integrations APPROVED
mohammad
10/31/2019 2:52:03 PM

Quant Time: Oct 31 05:56:18 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 21 16:37:43 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	47258	20.00	ng		0.00
21) Naphthalene-d8	10.83	136	179938	20.00	ng		0.00
39) Acenaphthene-d10	14.65	164	127355	20.00	ng		0.00
64) Phenanthrene-d10	17.39	188	290273	20.00	ng		0.00
76) Chrysene-d12	21.66	240	320053	20.00	ng		0.00
87) Perylene-d12	24.86	264	374640	20.00	ng		-0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.61	112	220180	85.38	ng		0.00
7) Phenol-d6	7.21	99	312661	84.26	ng		0.00
23) Nitrobenzene-d5	9.18	82	184567	52.88	ng		0.00
42) 2,4,6-Tribromophenol	16.14	330	185587	76.58	ng		0.00
45) 2-Fluorobiphenyl	13.27	172	508231	55.14	ng		0.00
79) Terphenyl-d14	20.00	244	928197	54.41	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.48	88	35938	35.759	ng		95
3) Pyridine	3.89	79	85477	33.717	ng		97
4) n-Nitrosodimethylamine	3.80	42	54941	42.948	ng	#	94
6) Aniline	7.35	93	113769	26.617	ng		96
8) 2-Chlorophenol	7.59	128	129575	45.515	ng		99
9) Benzaldehyde	7.16	77	68089	37.340	ng		92
10) Phenol	7.24	94	168127	49.586	ng		98
11) bis(2-Chloroethyl)ether	7.44	93	104853	39.998	ng		95
12) 1,3-Dichlorobenzene	7.91	146	140869	39.494	ng		95
13) 1,4-Dichlorobenzene	8.06	146	144601	40.069	ng		99
14) 1,2-Dichlorobenzene	8.38	146	137100	38.909	ng		99
15) Benzyl Alcohol	8.26	79	115006	44.133	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	142246	37.317	ng		97
17) 2-Methylphenol	8.48	107	112819	45.643	ng		95
18) Hexachloroethane	9.10	117	52128	40.036	ng		99
19) n-Nitroso-di-n-propylamine	8.82	70	92895	38.744	ng		98
20) 3+4-Methylphenols	8.81	107	147066	43.390	ng		92
22) Acetophenone	8.85	105	185754	40.311	ng	#	96
24) Nitrobenzene	9.23	77	143601	43.190	ng		97
25) Isophorone	9.75	82	265715	41.641	ng		97
26) 2-Nitrophenol	9.94	139	76808	47.850	ng		95
27) 2,4-Dimethylphenol	10.01	122	115429	50.172	ng		97
28) bis(2-Chloroethoxy)methane	10.23	93	148090	42.049	ng		98
29) 2,4-Dichlorophenol	10.49	162	138098	46.848	ng		92
30) 1,2,4-Trichlorobenzene	10.69	180	155741	41.919	ng		99
31) Naphthalene	10.88	128	401778	43.989	ng		97
32) Benzoic acid	10.19	122	66614	39.820	ng		99
33) 4-Chloroaniline	11.00	127	51675m	13.802	ng		
34) Hexachlorobutadiene	11.17	225	109173	39.751	ng		91
35) Caprolactam	11.77	113	43258m	42.609	ng		
36) 4-Chloro-3-methylphenol	12.12	107	145625	45.290	ng		95
37) 2-Methylnaphthalene	12.48	142	303100	43.250	ng		96
38) 1-Methylnaphthalene	12.70	142	291566	43.726	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	197280	41.857	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	229873	92.845	ng		99
43) 2,4,6-Trichlorophenol	13.09	196	128102	46.152	ng		95
44) 2,4,5-Trichlorophenol	13.18	196	136463	48.630	ng		97
46) 1,1'-Biphenyl	13.48	154	411006	42.422	ng		98
47) 2-Chloronaphthalene	13.53	162	321818	43.656	ng		98
48) 2-Nitroaniline	13.73	65	93092	42.252	ng		95
49) Acenaphthylene	14.37	152	511519	44.585	ng		99
50) Dimethylphthalate	14.10	163	487046	49.373	ng		99
51) 2,6-Dinitrotoluene	14.22	165	92090	42.972	ng		98
52) Acenaphthene	14.72	154	308832	44.140	ng		97
53) 3-Nitroaniline	14.56	138	50231	24.277	ng		94
54) 2,4-Dinitrophenol	14.77	184	110178	82.119	ng		98
55) Dibenzofuran	15.05	168	499966	44.065	ng		99
56) 4-Nitrophenol	14.89	139	142975	103.116	ng		96
57) 2,4-Dinitrotoluene	15.01	165	134083	43.780	ng		98
58) Fluorene	15.70	166	412262	43.322	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	137240	46.032	ng	#	99
60) Diethylphthalate	15.46	149	412506	41.618	ng		98
61) 4-Chlorophenyl-phenylether	15.69	204	238981	43.048	ng		96
62) 4-Nitroaniline	15.73	138	87086	40.755	ng		96
63) Azobenzene	15.98	77	350206	43.657	ng		97
65) 4,6-Dinitro-2-methylphenol	15.78	198	83376	48.807	ng		99
66) n-Nitrosodiphenylamine	15.90	169	371866	45.376	ng		97
67) 4-Bromophenyl-phenylether	16.58	248	168392	43.106	ng		99
68) Hexachlorobenzene	16.70	284	187075	41.720	ng		99
69) Atrazine	16.85	200	153961	54.066	ng		93
70) Pentachlorophenol	17.05	266	205534	100.593	ng		97
71) Phenanthrene	17.44	178	657118	44.208	ng		99
72) Anthracene	17.53	178	667771	44.902	ng		99
73) Carbazole	17.80	167	598617	44.449	ng		99
74) Di-n-butylphthalate	18.35	149	711433	43.537	ng		99
75) Fluoranthene	19.45	202	856656	44.207	ng		99
77) Benzidine	19.63	184	225988	35.085	ng		98
78) Pyrene	19.80	202	875691	44.203	ng		99
80) Butylbenzylphthalate	20.69	149	330032	43.972	ng		98
81) Benzo(a)anthracene	21.64	228	901581	44.971	ng		100
82) 3,3'-Dichlorobenzidine	21.56	252	239670	30.909	ng		95
83) Chrysene	21.71	228	880300	44.194	ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	485683	45.554	ng		99
85) Di-n-octyl phthalate	22.74	149	838308	46.345	ng		99
86) Indeno(1,2,3-cd)pyrene	28.50	276	1166871	46.668	ng	#	96
88) Benzo(b)fluoranthene	23.85	252	964317	45.447	ng		99
89) Benzo(k)fluoranthene	23.91	252	974674	45.629	ng		99
90) Benzo(a)pyrene	24.71	252	899076	44.372	ng		98
91) Dibenzo(a,h)anthracene	28.56	278	983227	47.441	ng		99
92) Benzo(g,h,i)perylene	29.64	276	983315	48.100	ng		98

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

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