Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062719\
Data File : BG041483.D
Acq On : 27 Jun 2019 9:56
Operator : HP/JU
Sample : K3500-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : B-2(9-10)MS

Manual Integrations APPROVED
mohammad
7/1/2019 8:10:55 AM

Quant Time: Jun 27 12:04:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG062619.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 27 06:49:14 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	30484	20.00	ng		0.00
21) Naphthalene-d8	10.86	136	110210	20.00	ng		0.00
39) Acenaphthene-d10	14.67	164	79605	20.00	ng		0.00
64) Phenanthrene-d10	17.42	188	209879	20.00	ng		0.00
76) Chrysene-d12	21.70	240	220317	20.00	ng		0.00
87) Perylene-d12	24.99	264	233558	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.57	112	164931	96.46	ng		0.00
7) Phenol-d6	7.19	99	240512	99.92	ng		0.00
23) Nitrobenzene-d5	9.21	82	169380	64.10	ng		0.00
42) 2,4,6-Tribromophenol	16.17	330	134036	98.61	ng		0.00
45) 2-Fluorobiphenyl	13.29	172	397852	64.14	ng		0.00
79) Terphenyl-d14	20.03	244	751762	72.51	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.40	88	17245	22.281	ng		99
3) Pyridine	3.82	79	23123	11.775	ng		93
4) n-Nitrosodimethylamine	3.75	42	29282	26.796	ng		87
6) Aniline	7.35	93	18262	5.886	ng		93
8) 2-Chlorophenol	7.59	128	60538	31.570	ng		98
9) Benzaldehyde	7.17	77	47255	32.508	ng		94
10) Phenol	7.21	94	79750	32.875	ng		97
11) bis(2-Chloroethyl)ether	7.45	93	52328	27.200	ng		98
12) 1,3-Dichlorobenzene	7.92	146	67035	27.024	ng		97
13) 1,4-Dichlorobenzene	8.06	146	69515	27.798	ng		97
14) 1,2-Dichlorobenzene	8.38	146	65897	27.522	ng		99
15) Benzyl Alcohol	8.28	79	53213	27.760	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.55	45	74032	27.403	ng		98
17) 2-Methylphenol	8.48	107	52828	29.916	ng		96
18) Hexachloroethane	9.11	117	27069	27.434	ng		94
19) n-Nitroso-di-n-propylamine	8.83	70	48952	27.265	ng		97
20) 3+4-Methylphenols	8.81	107	72903	30.975	ng		96
22) Acetophenone	8.86	105	100341	30.353	ng	#	98
24) Nitrobenzene	9.26	77	79480	29.965	ng		98
25) Isophorone	9.77	82	137163	28.911	ng		98
26) 2-Nitrophenol	9.97	139	34637	31.269	ng		93
27) 2,4-Dimethylphenol	10.01	122	52575	34.102	ng		95
28) bis(2-Chloroethoxy)methane	10.25	93	73048	29.118	ng		97
29) 2,4-Dichlorophenol	10.51	162	68401	32.848	ng		98
30) 1,2,4-Trichlorobenzene	10.71	180	78269	29.326	ng		96
31) Naphthalene	10.90	128	190741	31.295	ng		97
32) Benzoic acid	10.14	122	7412	14.189	ng		93
33) 4-Chloroaniline	11.03	127	19588	7.635	ng		95
34) Hexachlorobutadiene	11.16	225	60153	28.393	ng		98
35) Caprolactam	11.81	113	19923m	30.641	ng		
36) 4-Chloro-3-methylphenol	12.14	107	73144	32.419	ng		97
37) 2-Methylnaphthalene	12.51	142	139064	30.884	ng		96
38) 1-Methylnaphthalene	12.72	142	131832	30.689	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	108523	30.960	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	102558	55.115 ng		96
43) 2,4,6-Trichlorophenol	13.12	196	65984	31.728 ng		98
44) 2,4,5-Trichlorophenol	13.19	196	68500	33.061 ng		95
46) 1,1'-Biphenyl	13.51	154	189735	30.194 ng		96
47) 2-Chloronaphthalene	13.56	162	160269	29.707 ng		98
48) 2-Nitroaniline	13.78	65	51941	28.401 ng		95
49) Acenaphthylene	14.40	152	253158	31.394 ng		99
50) Dimethylphthalate	14.13	163	270462	37.335 ng		98
51) 2,6-Dinitrotoluene	14.26	165	47138	30.662 ng		88
52) Acenaphthene	14.74	154	143257	29.958 ng		98
53) 3-Nitroaniline	14.60	138	21172	14.426 ng		93
54) 2,4-Dinitrophenol	14.81	184	20282	27.141 ng		95
55) Dibenzofuran	15.07	168	257554	30.938 ng		99
56) 4-Nitrophenol	14.91	139	70371	74.298 ng		98
57) 2,4-Dinitrotoluene	15.05	165	66046	29.614 ng	#	96
58) Fluorene	15.73	166	207278	31.298 ng		97
59) 2,3,4,6-Tetrachlorophenol	15.30	232	75249m	34.451 ng		
60) Diethylphthalate	15.48	149	216389	29.182 ng		99
61) 4-Chlorophenyl-phenylether	15.71	204	128057	29.977 ng		95
62) 4-Nitroaniline	15.77	138	39759	27.797 ng		95
63) Azobenzene	16.00	77	194938	31.181 ng		97
65) 4,6-Dinitro-2-methylphenol	15.81	198	25871	19.903 ng		94
66) n-Nitrosodiphenylamine	15.93	169	184853	32.002 ng		99
67) 4-Bromophenyl-phenylether	16.61	248	85539	29.824 ng		96
68) Hexachlorobenzene	16.72	284	90211	29.193 ng		98
69) Atrazine	16.87	200	79500	30.511 ng		98
70) Pentachlorophenol	17.07	266	101818	72.717 ng		94
71) Phenanthrene	17.47	178	362804	31.375 ng		98
72) Anthracene	17.56	178	370265	32.002 ng		99
73) Carbazole	17.84	167	312605	31.783 ng		98
74) Di-n-butylphthalate	18.36	149	367972	29.766 ng		99
75) Fluoranthene	19.47	202	469272	30.438 ng		98
77) Benzidine	19.67	184	29549	6.045 ng		97
78) Pyrene	19.84	202	474842	31.571 ng		99
80) Butylbenzylphthalate	20.70	149	167227	29.771 ng		98
81) Benzo(a)anthracene	21.68	228	464371	30.317 ng		99
82) 3,3'-Dichlorobenzidine	21.60	252	78236	14.750 ng		98
83) Chrysene	21.75	228	456471	30.788 ng		99
84) Bis(2-ethylhexyl)phthalate	21.54	149	238239	29.917 ng		97
85) Di-n-octyl phthalate	22.76	149	409231	30.368 ng		99
86) Indeno(1,2,3-cd)pyrene	28.75	276	546797	30.457 ng	#	97
88) Benzo(b)fluoranthene	23.93	252	458067	30.749 ng		99
89) Benzo(k)fluoranthene	24.00	252	465805	31.849 ng		98
90) Benzo(a)pyrene	24.83	252	450581	31.847 ng		99
91) Dibenzo(a,h)anthracene	28.82	278	454193	32.043 ng		99
92) Benzo(g,h,i)perylene	29.96	276	459249	32.587 ng		98

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

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