Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040969.D
Acq On : 31 May 2019 3:09
Operator : HP/JU
Sample : K3041-08MS
Misc :
ALS Vial : 15 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TP-2-SMS

Manual Integrations APPROVED
mohammad
5/31/2019 8:19:22 AM

Quant Time: May 31 04:58:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 29 18:39:57 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	63651	20.00	ng		0.00
21) Naphthalene-d8	10.94	136	247441	20.00	ng		0.00
39) Acenaphthene-d10	14.75	164	180083	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	469046	20.00	ng		0.00
76) Chrysene-d12	21.78	240	465680	20.00	ng		0.00
87) Perylene-d12	25.12	264	496868	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	456254	129.26	ng		0.00
7) Phenol-d6	7.27	99	603407	110.69	ng		0.00
23) Nitrobenzene-d5	9.30	82	491282	88.14	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	379346	141.89	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1047826	83.79	ng		0.00
79) Terphenyl-d14	20.09	244	1950852	88.91	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.53	88	55132	34.419	ng	#	40
3) Pyridine	3.95	79	133330	28.131	ng		99
4) n-Nitrosodimethylamine	3.86	42	95236	43.295	ng		89
6) Aniline	7.45	93	146136	20.083	ng		97
8) 2-Chlorophenol	7.68	128	178877	42.506	ng		97
9) Benzaldehyde	7.26	77	91324	28.082	ng		89
10) Phenol	7.30	94	211605	36.202	ng		98
11) bis(2-Chloroethyl)ether	7.54	93	170083	40.111	ng		97
12) 1,3-Dichlorobenzene	8.01	146	185248	36.857	ng		96
13) 1,4-Dichlorobenzene	8.16	146	191214	37.584	ng		94
14) 1,2-Dichlorobenzene	8.48	146	182967	37.039	ng		96
15) Benzyl Alcohol	8.36	79	210788	41.799	ng		95
16) 2,2'-oxybis(1-Chloropropan	8.65	45	277258	40.014	ng		96
17) 2-Methylphenol	8.56	107	169905	40.146	ng		99
18) Hexachloroethane	9.21	117	74460	37.973	ng		98
19) n-Nitroso-di-n-propylamine	8.93	70	170846	40.724	ng		97
20) 3+4-Methylphenols	8.89	107	226436	38.626	ng		99
22) Acetophenone	8.96	105	311958	44.943	ng	#	95
24) Nitrobenzene	9.35	77	256658	45.185	ng		97
25) Isophorone	9.86	82	481504	45.393	ng		99
26) 2-Nitrophenol	10.06	139	109560	46.787	ng		93
27) 2,4-Dimethylphenol	10.10	122	188338	48.699	ng		97
28) bis(2-Chloroethoxy)methane	10.34	93	252124	44.039	ng		98
29) 2,4-Dichlorophenol	10.59	162	217181	44.222	ng		98
30) 1,2,4-Trichlorobenzene	10.80	180	232297	41.579	ng		94
31) Naphthalene	11.00	128	570652	42.953	ng		99
32) Benzoic acid	10.22	122	85327	31.699	ng		94
33) 4-Chloroaniline	11.11	127	63436	10.291	ng		94
34) Hexachlorobutadiene	11.26	225	172968	40.462	ng		100
35) Caprolactam	11.90	113	54562m	33.643	ng		
36) 4-Chloro-3-methylphenol	12.21	107	240984	42.965	ng		96
37) 2-Methylnaphthalene	12.59	142	435181	42.531	ng		98
38) 1-Methylnaphthalene	12.81	142	413832	42.919	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	317015	43.676	ng	#	98

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	369103	93.098	ng		96
43) 2,4,6-Trichlorophenol	13.19	196	208614	44.429	ng		94
44) 2,4,5-Trichlorophenol	13.26	196	219849	44.396	ng		98
46) 1,1'-Biphenyl	13.59	154	598429	44.893	ng		99
47) 2-Chloronaphthalene	13.64	162	488042	42.647	ng		97
48) 2-Nitroaniline	13.85	65	182875	44.545	ng		98
49) Acenaphthylene	14.48	152	766668	44.513	ng		99
50) Dimethylphthalate	14.20	163	667832	43.809	ng		99
51) 2,6-Dinitrotoluene	14.33	165	150885	45.907	ng		97
52) Acenaphthene	14.82	154	451040	43.229	ng		95
53) 3-Nitroaniline	14.66	138	94865	28.864	ng		97
54) 2,4-Dinitrophenol	14.87	184	169983	92.824	ng		97
55) Dibenzofuran	15.15	168	784253	44.670	ng		98
56) 4-Nitrophenol	14.96	139	210295	93.284	ng		91
57) 2,4-Dinitrotoluene	15.12	165	214336	46.165	ng	#	96
58) Fluorene	15.80	166	622012	44.487	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	230227	47.308	ng		99
60) Diethylphthalate	15.56	149	689132	44.297	ng		99
61) 4-Chlorophenyl-phenylether	15.79	204	398612	43.862	ng		96
62) 4-Nitroaniline	15.83	138	144038	41.396	ng		98
63) Azobenzene	16.08	77	636613	45.023	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	120973	48.107	ng		96
66) n-Nitrosodiphenylamine	16.00	169	576083	43.691	ng		98
67) 4-Bromophenyl-phenylether	16.68	248	262856	41.526	ng		98
68) Hexachlorobenzene	16.79	284	272271	40.394	ng		97
69) Atrazine	16.94	200	255973	50.312	ng		98
70) Pentachlorophenol	17.14	266	330700	90.969	ng		95
71) Phenanthrene	17.54	178	1079323	44.177	ng		97
72) Anthracene	17.63	178	1096552	45.507	ng		98
73) Carbazole	17.91	167	966994	46.770	ng		99
74) Di-n-butylphthalate	18.44	149	1153429	44.885	ng		98
75) Fluoranthene	19.55	202	1388275	46.004	ng		98
77) Benzidine	19.72	184	36924	3.324	ng	#	94
78) Pyrene	19.90	202	1393984	46.048	ng		98
80) Butylbenzylphthalate	20.77	149	532268	45.181	ng		99
81) Benzo(a)anthracene	21.76	228	1339378	43.208	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	336914	30.901	ng		99
83) Chrysene	21.83	228	1313001	44.262	ng		97
84) Bis(2-ethylhexyl)phthalate	21.63	149	725898	43.771	ng		100
85) Di-n-octyl phthalate	22.88	149	1216692	44.052	ng		99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1615907	44.469	ng	#	99
88) Benzo(b)fluoranthene	24.05	252	1390766	46.148	ng		99
89) Benzo(k)fluoranthene	24.12	252	1316075	44.130	ng		98
90) Benzo(a)pyrene	24.96	252	1326036	46.119	ng		96
91) Dibenzo(a,h)anthracene	29.03	278	1328533	46.242	ng		99
92) Benzo(g,h,i)perylene	30.17	276	1340118	48.012	ng		99

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

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