Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG053019\
Data File : BG040963.D
Acq On : 30 May 2019 23:22
Operator : HP/JU
Sample : K3084-01MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_G
ClientSampleId : TEST-PIT-6MSD

Manual Integrations APPROVED
mohammad
5/31/2019 8:19:08 AM

Quant Time: May 31 04:46:47 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	67379	20.00	ng		0.00
21) Naphthalene-d8	10.95	136	263136	20.00	ng		0.00
39) Acenaphthene-d10	14.76	164	190331	20.00	ng		0.00
64) Phenanthrene-d10	17.50	188	489174	20.00	ng		0.00
76) Chrysene-d12	21.78	240	475634	20.00	ng		0.00
87) Perylene-d12	25.12	264	500921	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.66	112	513748	137.49	ng		0.00
7) Phenol-d6	7.27	99	750097	129.98	ng		0.00
23) Nitrobenzene-d5	9.30	82	505384	85.26	ng		0.00
42) 2,4,6-Tribromophenol	16.24	330	383200	135.62	ng		0.00
45) 2-Fluorobiphenyl	13.38	172	1002272	75.84	ng		0.00
79) Terphenyl-d14	20.09	244	1652035	73.72	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.52	88	56493	33.318	ng		91
3) Pyridine	3.93	79	141050	28.113	ng		97
4) n-Nitrosodimethylamine	3.85	42	96950	41.635	ng		94
6) Aniline	7.45	93	179385	23.288	ng		98
8) 2-Chlorophenol	7.68	128	188016	42.206	ng		98
9) Benzaldehyde	7.26	77	90932	26.415	ng		91
10) Phenol	7.30	94	259841	41.995	ng		97
11) bis(2-Chloroethyl)ether	7.54	93	178638	39.797	ng		99
12) 1,3-Dichlorobenzene	8.01	146	203108	38.174	ng		98
13) 1,4-Dichlorobenzene	8.16	146	205842	38.221	ng		96
14) 1,2-Dichlorobenzene	8.48	146	201549	38.543	ng		97
15) Benzyl Alcohol	8.36	79	223794	41.923	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.65	45	283098	38.597	ng		98
17) 2-Methylphenol	8.56	107	185227	41.345	ng		98
18) Hexachloroethane	9.21	117	79348	38.227	ng		96
19) n-Nitroso-di-n-propylamine	8.93	70	174739	39.347	ng		99
20) 3+4-Methylphenols	8.89	107	251508	40.529	ng		98
22) Acetophenone	8.96	105	321092	43.500	ng	#	98
24) Nitrobenzene	9.34	77	267036	44.208	ng		97
25) Isophorone	9.86	82	494665	43.853	ng		99
26) 2-Nitrophenol	10.06	139	112488	45.172	ng	#	85
27) 2,4-Dimethylphenol	10.10	122	201310	48.948	ng		91
28) bis(2-Chloroethoxy)methane	10.34	93	257427	42.283	ng		99
29) 2,4-Dichlorophenol	10.58	162	224295	42.947	ng		96
30) 1,2,4-Trichlorobenzene	10.80	180	241988	40.731	ng		96
31) Naphthalene	11.00	128	595051	42.118	ng		99
32) Benzoic acid	10.17	122	18927	13.046	ng		95
33) 4-Chloroaniline	11.11	127	126066	19.231	ng		97
34) Hexachlorobutadiene	11.26	225	175481	38.602	ng		99
35) Caprolactam	11.89	113	64419m	37.352	ng		
36) 4-Chloro-3-methylphenol	12.21	107	257856	43.231	ng		98
37) 2-Methylnaphthalene	12.59	142	446688	41.052	ng		99
38) 1-Methylnaphthalene	12.81	142	430208m	41.956	ng		
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	324420	42.290	ng		99

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Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	420088	99.620	ng		98
43) 2,4,6-Trichlorophenol	13.19	196	218522	44.033	ng		98
44) 2,4,5-Trichlorophenol	13.26	196	231112	44.157	ng		98
46) 1,1'-Biphenyl	13.59	154	608884	43.218	ng		99
47) 2-Chloronaphthalene	13.64	162	501739	41.483	ng		99
48) 2-Nitroaniline	13.85	65	189081	43.577	ng		96
49) Acenaphthylene	14.48	152	781606	42.937	ng		100
50) Dimethylphthalate	14.20	163	855526	53.100	ng		99
51) 2,6-Dinitrotoluene	14.33	165	153942	44.315	ng		100
52) Acenaphthene	14.82	154	458905	41.614	ng		95
53) 3-Nitroaniline	14.66	138	98375	28.320	ng		100
54) 2,4-Dinitrophenol	14.87	184	137445	77.156	ng		94
55) Dibenzofuran	15.15	168	781817	42.134	ng		100
56) 4-Nitrophenol	14.96	139	239109	100.355	ng		94
57) 2,4-Dinitrotoluene	15.11	165	215877	43.994	ng	#	97
58) Fluorene	15.80	166	612836	41.471	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.37	232	237543	46.183	ng		99
60) Diethylphthalate	15.55	149	695169	42.279	ng		98
61) 4-Chlorophenyl-phenylether	15.78	204	400157	41.661	ng		97
62) 4-Nitroaniline	15.83	138	153760	41.811	ng		97
63) Azobenzene	16.08	77	630185	42.169	ng		98
65) 4,6-Dinitro-2-methylphenol	15.87	198	126231	48.128	ng		99
66) n-Nitrosodiphenylamine	16.00	169	582124	42.332	ng		99
67) 4-Bromophenyl-phenylether	16.68	248	260249	39.422	ng		95
68) Hexachlorobenzene	16.79	284	269566	38.347	ng		96
69) Atrazine	16.94	200	256046	48.256	ng		99
70) Pentachlorophenol	17.14	266	327611	86.624	ng		98
71) Phenanthrene	17.54	178	1059483	41.580	ng		97
72) Anthracene	17.63	178	1091447	43.431	ng		99
73) Carbazole	17.90	167	973310	45.138	ng		99
74) Di-n-butylphthalate	18.43	149	1098778	40.999	ng		98
75) Fluoranthene	19.54	202	1352935	42.988	ng		98
77) Benzidine	19.72	184	384929	33.925	ng		97
78) Pyrene	19.90	202	1336470	43.224	ng		98
80) Butylbenzylphthalate	20.77	149	505231	41.989	ng		98
81) Benzo(a)anthracene	21.76	228	1280389	40.440	ng		99
82) 3,3'-Dichlorobenzidine	21.67	252	262099	23.536	ng		100
83) Chrysene	21.83	228	1241469	40.975	ng		96
84) Bis(2-ethylhexyl)phthalate	21.62	149	701779	41.431	ng		99
85) Di-n-octyl phthalate	22.88	149	1165718	41.323	ng		99
86) Indeno(1,2,3-cd)pyrene	28.96	276	1518910	40.925	ng	#	98
88) Benzo(b)fluoranthene	24.05	252	1307436	43.032	ng		99
89) Benzo(k)fluoranthene	24.12	252	1237385	41.156	ng		99
90) Benzo(a)pyrene	24.96	252	1261612	43.523	ng		97
91) Dibenzo(a,h)anthracene	29.03	278	1239329	42.788	ng		99
92) Benzo(g,h,i)perylene	30.17	276	1259504	44.759	ng		97

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

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