Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM062119\
Data File : BM021081.D
Acq On : 21 Jun 2019 13:46
Operator : HP/JU
Sample : K3309-08MSD
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SS043MW010-190611MS

Manual Integrations APPROVED
mohammad
6/25/2019 3:23:00 PM

Quant Time: Jun 22 00:08:36 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM062019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jun 20 15:39:58 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.78	152	261936	20.00	ng		0.00
21) Naphthalene-d8	10.57	136	1130363	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	746823	20.00	ng		0.00
64) Phenanthrene-d10	17.17	188	1817404	20.00	ng		0.00
76) Chrysene-d12	21.35	240	1688976	20.00	ng		0.00
87) Perylene-d12	23.62	264	1655656	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.37	112	648537	44.83	ng		0.00
7) Phenol-d6	6.95	99	653364	31.02	ng		0.00
23) Nitrobenzene-d5	8.94	82	829308	38.24	ng		0.00
42) 2,4,6-Tribromophenol	15.91	330	733322	52.33	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	2394735	39.41	ng		0.00
79) Terphenyl-d14	19.79	244	4426834	48.95	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.32	88	93277	17.115	ng		98
3) Pyridine	3.72	79	254686	16.251	ng		97
4) n-Nitrosodimethylamine	3.63	42	90525	15.001	ng	#	96
6) Aniline	7.12	93	387926	13.826	ng		99
8) 2-Chlorophenol	7.35	128	347120	19.497	ng		98
9) Benzaldehyde	6.93	77	78692	2.786	ng		97
10) Phenol	6.98	94	245777	11.420	ng		99
11) bis(2-Chloroethyl)ether	7.21	93	331042	19.429	ng		99
12) 1,3-Dichlorobenzene	7.66	146	396262	18.371	ng		99
13) 1,4-Dichlorobenzene	7.82	146	425869	19.420	ng		99
14) 1,2-Dichlorobenzene	8.13	146	394630	18.363	ng		99
15) Benzyl Alcohol	8.02	79	360677	21.146	ng		100
16) 2,2'-oxybis(1-Chloropropan	8.30	45	412894	18.735	ng		99
17) 2-Methylphenol	8.22	107	282261	18.361	ng		99
18) Hexachloroethane	8.85	117	143081	18.172	ng		95
19) n-Nitroso-di-n-propylamine	8.58	70	291918	19.042	ng		98
20) 3+4-Methylphenols	8.55	107	365274	17.262	ng		99
22) Acetophenone	8.60	105	563458	19.561	ng	#	100
24) Nitrobenzene	8.98	77	419115	19.507	ng		99
25) Isophorone	9.50	82	803910	19.809	ng		99
26) 2-Nitrophenol	9.69	139	178622	16.979	ng		95
27) 2,4-Dimethylphenol	9.75	122	343519	22.388	ng		98
28) bis(2-Chloroethoxy)methane	9.99	93	486458	19.291	ng		98
29) 2,4-Dichlorophenol	10.22	162	378930	19.082	ng		98
30) 1,2,4-Trichlorobenzene	10.43	180	430849	18.405	ng		99
31) Naphthalene	10.62	128	1168129	19.528	ng		99
32) Benzoic acid	9.84	122	104080m	8.385	ng		
33) 4-Chloroaniline	10.73	127	252237	9.289	ng		98
34) Hexachlorobutadiene	10.89	225	258157	17.466	ng		98
35) Caprolactam	11.54	113	35541	5.722	ng		99
36) 4-Chloro-3-methylphenol	11.86	107	389677	19.284	ng		100
37) 2-Methylnaphthalene	12.23	142	926631	20.132	ng		99
38) 1-Methylnaphthalene	12.45	142	960024	21.868	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.60	216	537716	19.022	ng		100

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Internal Standards	R.T.	QIon	Response	Conc Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.57	237	608500	37.134 ng	99
43) 2,4,6-Trichlorophenol	12.85	196	326028	17.430 ng	98
44) 2,4,5-Trichlorophenol	12.91	196	357731	18.468 ng	98
46) 1,1'-Biphenyl	13.25	154	1263968	19.774 ng	99
47) 2-Chloronaphthalene	13.29	162	983609	18.947 ng	98
48) 2-Nitroaniline	13.50	65	278583	19.616 ng	96
49) Acenaphthylene	14.14	152	1577201	19.964 ng	100
50) Dimethylphthalate	13.88	163	1461121	22.005 ng	99
51) 2,6-Dinitrotoluene	14.00	165	284233	19.898 ng	99
52) Acenaphthene	14.48	154	1118017	23.455 ng	100
53) 3-Nitroaniline	14.33	138	119072	8.176 ng	96
54) 2,4-Dinitrophenol	14.55	184	287836	37.511 ng	97
55) Dibenzofuran	14.82	168	1552122	19.961 ng	98
56) 4-Nitrophenol	14.65	139	261704	23.501 ng	99
57) 2,4-Dinitrotoluene	14.79	165	398645	20.210 ng	100
58) Fluorene	15.47	166	1457620	22.943 ng	100
59) 2,3,4,6-Tetrachlorophenol	15.05	232	339542	18.346 ng	99
60) Diethylphthalate	15.25	149	1305246	19.959 ng	99
61) 4-Chlorophenyl-phenylether	15.46	204	692395	19.291 ng	97
62) 4-Nitroaniline	15.50	138	334419	21.879 ng	99
63) Azobenzene	15.76	77	1099352	20.494 ng	98
65) 4,6-Dinitro-2-methylphenol	15.55	198	177824	15.869 ng	97
66) n-Nitrosodiphenylamine	15.68	169	1149858	20.073 ng	99
67) 4-Bromophenyl-phenylether	16.36	248	450124	18.605 ng	97
68) Hexachlorobenzene	16.46	284	524508	18.147 ng	98
69) Atrazine	16.64	200	421190	22.611 ng	100
70) Pentachlorophenol	16.82	266	535724	34.402 ng	99
71) Phenanthrene	17.21	178	2265582	21.631 ng	100
72) Anthracene	17.30	178	2140646	20.632 ng	99
73) Carbazole	17.57	167	1879911	20.492 ng	100
74) Di-n-butylphthalate	18.13	149	2327427	20.724 ng	99
75) Fluoranthene	19.22	202	2523951	20.867 ng	100
77) Benzidine	19.42	184	1218779	24.850 ng	99
78) Pyrene	19.59	202	2526761	20.628 ng	100
80) Butylbenzylphthalate	20.49	149	1023497	20.963 ng	97
81) Benzo(a)anthracene	21.33	228	2271843	19.732 ng	99
82) 3,3'-Dichlorobenzidine	21.27	252	625286	14.339 ng	99
83) Chrysene	21.39	228	2243993	20.460 ng	100
84) Bis(2-ethylhexyl)phthalate	21.26	149	1507251	21.691 ng	100
85) Di-n-octyl phthalate	22.15	149	2395957	21.925 ng	100
86) Indeno(1,2,3-cd)pyrene	25.92	276	2353093	19.389 ng	100
88) Benzo(b)fluoranthene	22.94	252	2278262	20.397 ng	99
89) Benzo(k)fluoranthene	22.99	252	2121899	19.652 ng	99
90) Benzo(a)pyrene	23.53	252	2058054	20.420 ng	100
91) Dibenzo(a,h)anthracene	25.93	278	1985901	19.764 ng	99
92) Benzo(g,h,i)perylene	26.63	276	1910556	20.389 ng	100

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

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