Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM010919\
Data File : BM018488.D
Acq On : 10 Jan 2019 00:19
Operator : JU/SJ
Sample : K1081-04MS
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
SUP-3B-C-1-010819MS

Manual Integrations APPROVED
Sohil
1/10/2019 3:12:08 PM

Quant Time: Jan 10 06:41:32 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jan 09 12:39:07 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	570673	20.00	ng		0.00
21) Naphthalene-d8	10.56	136	2464477	20.00	ng		0.00
39) Acenaphthene-d10	14.42	164	1467202	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	3291100	20.00	ng		0.00
76) Chrysene-d12	21.36	240	2370491	20.00	ng		0.00
87) Perylene-d12	23.64	264	2308046	20.00	ng		0.01
System Monitoring Compounds							
5) 2-Fluorophenol	5.36	112	4088831	132.30	ng		0.00
7) Phenol-d6	6.95	99	5418901	138.05	ng		0.01
23) Nitrobenzene-d5	8.93	82	3320897	78.12	ng		0.01
42) 2,4,6-Tribromophenol	15.91	330	2496745	133.65	ng		0.00
45) 2-Fluorobiphenyl	13.03	172	8222114	73.12	ng		0.00
79) Terphenyl-d14	19.79	244	10643903	94.65	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.29	88	289533	22.985	ng		98
3) Pyridine	3.68	79	863125	27.484	ng		97
4) n-Nitrosodimethylamine	3.60	42	492434	37.920	ng	#	94
6) Aniline	7.11	93	466634	10.657	ng		99
8) 2-Chlorophenol	7.33	128	1486249	41.176	ng		95
9) Benzaldehyde	6.92	77	450965	17.085	ng		95
10) Phenol	6.98	94	1868904	46.853	ng		98
11) bis(2-Chloroethyl)ether	7.20	93	1160427	37.024	ng		95
12) 1,3-Dichlorobenzene	7.65	146	1486753	34.587	ng		98
13) 1,4-Dichlorobenzene	7.80	146	1536622	35.269	ng		100
14) 1,2-Dichlorobenzene	8.12	146	1500109	36.311	ng		99
15) Benzyl Alcohol	8.01	79	1104399	38.954	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.29	45	1432317	35.760	ng		94
17) 2-Methylphenol	8.22	107	1173104	43.326	ng		99
18) Hexachloroethane	8.83	117	401669	25.856	ng		96
19) n-Nitroso-di-n-propylamine	8.58	70	955852	37.418	ng		92
20) 3+4-Methylphenols	8.54	107	1580454	42.283	ng		98
22) Acetophenone	8.59	105	2005674	32.899	ng	#	97
24) Nitrobenzene	8.98	77	1478410	35.344	ng		95
25) Isophorone	9.49	82	2640856	41.023	ng		98
26) 2-Nitrophenol	9.68	139	807333	39.916	ng		95
27) 2,4-Dimethylphenol	9.74	122	1331581	43.923	ng		98
28) bis(2-Chloroethoxy)methane	9.98	93	1616798	36.356	ng		100
29) 2,4-Dichlorophenol	10.22	162	1474243	40.838	ng		98
30) 1,2,4-Trichlorobenzene	10.42	180	1559351	34.801	ng		99
31) Naphthalene	10.61	128	4540410	38.254	ng		99
33) 4-Chloroaniline	10.73	127	596041	12.751	ng		97
34) Hexachlorobutadiene	10.88	225	912966	32.252	ng		99
35) Caprolactam	11.54	113	441671m	35.986	ng		
36) 4-Chloro-3-methylphenol	11.86	107	1545640	40.811	ng		98
37) 2-Methylnaphthalene	12.22	142	3353118	39.985	ng		100
38) 1-Methylnaphthalene	12.45	142	3205145	39.502	ng		96
40) 1,2,4,5-Tetrachlorobenzene	12.59	216	1762001	34.342	ng		98
41) Hexachlorocyclopentadiene	12.56	237	159818	5.676	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
43) 2,4,6-Trichlorophenol	12.84	196	1249945	40.118	ng		99
44) 2,4,5-Trichlorophenol	12.92	196	1346224	41.084	ng		98
46) 1,1'-Biphenyl	13.25	154	4254357	33.209	ng		99
47) 2-Chloronaphthalene	13.29	162	3393628	34.161	ng		100
48) 2-Nitroaniline	13.50	65	949892	38.865	ng		91
49) Acenaphthylene	14.13	152	5534484	38.228	ng		99
50) Dimethylphthalate	13.88	163	4967062	41.221	ng		99
51) 2,6-Dinitrotoluene	14.00	165	964456	37.786	ng		91
52) Acenaphthene	14.48	154	3183471	35.938	ng		98
53) 3-Nitroaniline	14.33	138	776958	30.194	ng		97
54) 2,4-Dinitrophenol	14.54	184	131357	15.852	ng		94
55) Dibenzofuran	14.82	168	5143919	35.145	ng		99
56) 4-Nitrophenol	14.66	139	1762785	79.297	ng		96
57) 2,4-Dinitrotoluene	14.79	165	1365237	37.804	ng		97
58) Fluorene	15.46	166	4254570	39.022	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.04	232	1233443	42.467	ng		96
60) Diethylphthalate	15.24	149	4373387	35.952	ng		99
61) 4-Chlorophenyl-phenylether	15.46	204	2144920	34.133	ng		99
62) 4-Nitroaniline	15.50	138	985690	35.118	ng		99
63) Azobenzene	15.75	77	3550372	35.798	ng		98
65) 4,6-Dinitro-2-methylphenol	15.55	198	313713	18.668	ng		87
66) n-Nitrosodiphenylamine	15.68	169	3773054	36.959	ng		100
67) 4-Bromophenyl-phenylether	16.36	248	1315681	35.724	ng		98
68) Hexachlorobenzene	16.46	284	1434649	34.796	ng		97
69) Atrazine	16.63	200	1388968	37.635	ng		99
70) Pentachlorophenol	16.81	266	1689221	62.558	ng		98
71) Phenanthrene	17.21	178	6654704	38.015	ng		100
72) Anthracene	17.30	178	6719352	39.917	ng		99
73) Carbazole	17.57	167	6058537	35.032	ng		100
74) Di-n-butylphthalate	18.13	149	7591551	40.074	ng		99
75) Fluoranthene	19.23	202	7109853	35.228	ng		98
77) Benzidine	19.42	184	2315395	39.559	ng		100
78) Pyrene	19.59	202	6902938	49.128	ng		100
80) Butylbenzylphthalate	20.49	149	2994830	49.949	ng		96
81) Benzo(a)anthracene	21.34	228	5577975	39.943	ng		99
82) 3,3'-Dichlorobenzidine	21.28	252	1477264	27.974	ng		99
83) Chrysene	21.39	228	5141905	38.130	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	4154462	47.985	ng		98
85) Di-n-octyl phthalate	22.16	149	6432324	44.173	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.97	276	5740396	36.916	ng		96
88) Benzo(b)fluoranthene	22.96	252	5147568m	39.285	ng		
89) Benzo(k)fluoranthene	23.00	252	5035513m	38.133	ng		
90) Benzo(a)pyrene	23.54	252	4989509	39.774	ng		97
91) Dibenzo(a,h)anthracene	25.99	278	4762807	37.471	ng		99
92) Benzo(g,h,i)perylene	26.69	276	4783744	38.675	ng		97

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

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