Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM022719\
Data File : BM018954.D
Acq On : 27 Feb 2019 17:57
Operator : JU/SJ
Sample : K1627-04MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : SB-02-(5-10)MS

Manual Integrations APPROVED
Sohil
2/28/2019 1:33:25 PM

Quant Time: Feb 28 03:45:06 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM021119.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 11 16:02:12 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.69	152	281774	20.00	ng		-0.02
21) Naphthalene-d8	10.48	136	1219206	20.00	ng		-0.02
39) Acenaphthene-d10	14.34	164	715822	20.00	ng		-0.02
64) Phenanthrene-d10	17.10	188	1610074	20.00	ng		-0.02
76) Chrysene-d12	21.30	240	1785392	20.00	ng		-0.01
87) Perylene-d12	23.54	264	1546666	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.29	112	2638609	153.43	ng		-0.02
7) Phenol-d6	6.87	99	3901383	161.04	ng		-0.01
23) Nitrobenzene-d5	8.86	82	2506669	95.07	ng		-0.02
42) 2,4,6-Tribromophenol	15.84	330	1611369	156.16	ng		-0.02
45) 2-Fluorobiphenyl	12.96	172	4670949	86.62	ng		-0.02
79) Terphenyl-d14	19.73	244	7129205	82.37	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.23	88	239660	31.996	ng		99
3) Pyridine	3.63	79	787781	38.558	ng		99
4) n-Nitrosodimethylamine	3.56	42	264826	50.951	ng		91
6) Aniline	7.03	93	1327891	44.734	ng		99
8) 2-Chlorophenol	7.26	128	968370	51.288	ng		97
9) Benzaldehyde	6.85	77	451139	32.342	ng		98
10) Phenol	6.90	94	1410322	55.325	ng		99
11) bis(2-Chloroethyl)ether	7.13	93	893940	45.972	ng		98
12) 1,3-Dichlorobenzene	7.57	146	926999	43.663	ng		99
13) 1,4-Dichlorobenzene	7.73	146	952163	44.053	ng		98
14) 1,2-Dichlorobenzene	8.04	146	936130	45.090	ng		99
15) Benzyl Alcohol	7.95	79	990276	51.442	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.22	45	898537	47.743	ng		98
17) 2-Methylphenol	8.14	107	863133	53.199	ng		97
18) Hexachloroethane	8.75	117	358963	45.496	ng		97
19) n-Nitroso-di-n-propylamine	8.50	70	893357	47.625	ng		98
20) 3+4-Methylphenols	8.47	107	1171129	52.274	ng		100
22) Acetophenone	8.52	105	1478485	44.158	ng	#	98
24) Nitrobenzene	8.90	77	1270585	46.423	ng		99
25) Isophorone	9.42	82	2271572	53.992	ng		99
26) 2-Nitrophenol	9.60	139	540819	49.618	ng		100
27) 2,4-Dimethylphenol	9.66	122	905639	56.888	ng		99
28) bis(2-Chloroethoxy)methane	9.90	93	1314691	48.323	ng		99
29) 2,4-Dichlorophenol	10.13	162	934515	51.124	ng		100
30) 1,2,4-Trichlorobenzene	10.34	180	958303	45.395	ng		99
31) Naphthalene	10.53	128	2948331	49.584	ng		99
32) Benzoic acid	9.76	122	76846	5.534	ng		97
33) 4-Chloroaniline	10.66	127	676353	25.446	ng		99
34) Hexachlorobutadiene	10.79	225	514993	42.029	ng		98
35) Caprolactam	11.48	113	314675m	42.181	ng		
36) 4-Chloro-3-methylphenol	11.79	107	1103796	50.084	ng		100
37) 2-Methylnaphthalene	12.15	142	2215329	52.916	ng		100
38) 1-Methylnaphthalene	12.37	142	2095510	51.187	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.52	216	1039108	45.379	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.48	237	989327	84.505	ng	99
43) 2,4,6-Trichlorophenol	12.77	196	756089	49.878	ng	98
44) 2,4,5-Trichlorophenol	12.84	196	810756	51.028	ng	98
46) 1,1'-Biphenyl	13.17	154	2803239	45.495	ng	99
47) 2-Chloronaphthalene	13.22	162	2198753	46.200	ng	99
48) 2-Nitroaniline	13.44	65	800247	50.629	ng	98
49) Acenaphthylene	14.07	152	3605891	50.884	ng	99
50) Dimethylphthalate	13.82	163	3009244	50.443	ng	100
51) 2,6-Dinitrotoluene	13.94	165	621500	48.093	ng	97
52) Acenaphthene	14.41	154	2075818	47.772	ng	100
53) 3-Nitroaniline	14.27	138	521800	35.736	ng	95
54) 2,4-Dinitrophenol	14.49	184	512078	63.713	ng	99
55) Dibenzofuran	14.74	168	3377200	47.286	ng	100
56) 4-Nitrophenol	14.59	139	1158146	99.360	ng	98
57) 2,4-Dinitrotoluene	14.73	165	900042	50.549	ng	97
58) Fluorene	15.40	166	2804700	51.331	ng	100
59) 2,3,4,6-Tetrachlorophenol	14.97	232	729993	51.979	ng	100
60) Diethylphthalate	15.18	149	2864231	46.544	ng	99
61) 4-Chlorophenyl-phenylether	15.39	204	1368677	44.677	ng	98
62) 4-Nitroaniline	15.45	138	662181	46.259	ng	99
63) Azobenzene	15.69	77	3164069	47.954	ng	99
65) 4,6-Dinitro-2-methylphenol	15.50	198	473100	41.851	ng	93
66) n-Nitrosodiphenylamine	15.62	169	2414715	47.470	ng	100
67) 4-Bromophenyl-phenylether	16.29	248	830656	46.091	ng	97
68) Hexachlorobenzene	16.39	284	974538	46.522	ng	98
69) Atrazine	16.57	200	751538	45.827	ng	99
70) Pentachlorophenol	16.74	266	1288372	95.521	ng	99
71) Phenanthrene	17.14	178	4426393	51.156	ng	100
72) Anthracene	17.23	178	4507310	53.518	ng	99
73) Carbazole	17.51	167	4153832	47.208	ng	100
74) Di-n-butylphthalate	18.06	149	5114735	50.544	ng	100
75) Fluoranthene	19.16	202	5313173	53.158	ng	98
77) Benzidine	19.37	184	3145087	78.217	ng	100
78) Pyrene	19.53	202	5426971	52.337	ng	99
80) Butylbenzylphthalate	20.43	149	2641592	55.898	ng	97
81) Benzo(a)anthracene	21.28	228	5329875	51.212	ng	100
82) 3,3'-Dichlorobenzidine	21.22	252	1864199	45.323	ng	99
83) Chrysene	21.33	228	4942074	49.543	ng	99
84) Bis(2-ethylhexyl)phthalate	21.20	149	3842930	55.561	ng	100
85) Di-n-octyl phthalate	22.08	149	6536687	56.230	ng	100
86) Indeno(1,2,3-cd)pyrene	25.84	276	4811587	41.778	ng	100
88) Benzo(b)fluoranthene	22.87	252	4866513	54.995	ng	100
89) Benzo(k)fluoranthene	22.91	252	4666102	52.965	ng	100
90) Benzo(a)pyrene	23.45	252	4463801	53.249	ng	99
91) Dibenzo(a,h)anthracene	25.85	278	4124106	49.656	ng	100
92) Benzo(g,h,i)perylene	26.54	276	3849986	49.793	ng	99

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

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