Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM051319\
Data File : BM020318.D
Acq On : 13 May 2019 16:21
Operator : JU/SJ
Sample : K2823-06MS
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument : BNA_M
ClientSampleId : 12-B2MS

Manual Integrations APPROVED
mohammad
5/14/2019 11:11:52 PM

Quant Time: May 14 04:14:04 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM043019.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed May 01 03:58:37 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	40008	20.00	ng		-0.04
21) Naphthalene-d8	10.55	136	145289	20.00	ng		-0.04
39) Acenaphthene-d10	14.40	164	88766	20.00	ng		-0.03
64) Phenanthrene-d10	17.16	188	225833	20.00	ng		-0.02
76) Chrysene-d12	21.35	240	257675	20.00	ng		-0.02
87) Perylene-d12	23.63	264	283853	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	317842	129.86	ng		-0.02
7) Phenol-d6	6.93	99	427329	127.80	ng		-0.02
23) Nitrobenzene-d5	8.93	82	291684	79.26	ng		-0.03
42) 2,4,6-Tribromophenol	15.90	330	209060	151.73	ng		-0.02
45) 2-Fluorobiphenyl	13.02	172	558202	77.37	ng		-0.04
79) Terphenyl-d14	19.79	244	1097858	74.31	ng		-0.02
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	39315	32.751	ng		90
3) Pyridine	3.68	79	103838	33.822	ng		97
4) n-Nitrosodimethylamine	3.60	42	31842	32.344	ng	#	62
6) Aniline	7.09	93	121781	28.932	ng		97
8) 2-Chlorophenol	7.32	128	106655	40.020	ng		98
9) Benzaldehyde	6.92	77	56297	22.245	ng		95
10) Phenol	6.96	94	142038	39.459	ng		88
11) bis(2-Chloroethyl)ether	7.19	93	102353	39.121	ng		97
12) 1,3-Dichlorobenzene	7.65	146	114195	36.828	ng		94
13) 1,4-Dichlorobenzene	7.79	146	118202	37.736	ng		97
14) 1,2-Dichlorobenzene	8.10	146	114160	38.254	ng		98
15) Benzyl Alcohol	8.00	79	105890	32.842	ng		99
16) 2,2'-oxybis(1-Chloropropan	8.28	45	78787	36.317	ng		95
17) 2-Methylphenol	8.20	107	89024	38.419	ng		93
18) Hexachloroethane	8.82	117	63206	48.394	ng		92
19) n-Nitroso-di-n-propylamine	8.56	70	98047	34.273	ng		95
20) 3+4-Methylphenols	8.53	107	114906	37.311	ng		95
22) Acetophenone	8.59	105	163958	41.291	ng		96
24) Nitrobenzene	8.97	77	144008	37.742	ng		95
25) Isophorone	9.49	82	253349	39.921	ng		97
26) 2-Nitrophenol	9.67	139	53281	46.254	ng		86
27) 2,4-Dimethylphenol	9.73	122	87936	45.853	ng		97
28) bis(2-Chloroethoxy)methane	9.97	93	140667	40.698	ng		99
29) 2,4-Dichlorophenol	10.20	162	98566	40.759	ng		98
30) 1,2,4-Trichlorobenzene	10.41	180	120018	40.334	ng		98
31) Naphthalene	10.60	128	315529	41.850	ng		98
32) Benzoic acid	9.80	122	15092m	16.148	ng		
33) 4-Chloroaniline	10.72	127	86113	27.750	ng		97
34) Hexachlorobutadiene	10.86	225	77115	36.635	ng		100
35) Caprolactam	11.53	113	32093m	44.383	ng		
36) 4-Chloro-3-methylphenol	11.85	107	109572	38.557	ng		95
37) 2-Methylnaphthalene	12.22	142	308871	56.193	ng		96
38) 1-Methylnaphthalene	12.44	142	255117	47.464	ng		98
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	139853	40.270	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	154726	75.667	ng		97
43) 2,4,6-Trichlorophenol	12.83	196	92083	46.655	ng		96
44) 2,4,5-Trichlorophenol	12.90	196	94148	42.699	ng		98
46) 1,1'-Biphenyl	13.23	154	298179	40.811	ng		98
47) 2-Chloronaphthalene	13.28	162	240857	41.289	ng		98
48) 2-Nitroaniline	13.50	65	77310	37.225	ng		92
49) Acenaphthylene	14.13	152	375929	40.267	ng		99
50) Dimethylphthalate	13.87	163	402596	53.363	ng		99
51) 2,6-Dinitrotoluene	13.99	165	66054	41.569	ng		97
52) Acenaphthene	14.47	154	220184	41.127	ng		99
53) 3-Nitroaniline	14.33	138	46626	31.615	ng		94
54) 2,4-Dinitrophenol	14.54	184	49200	63.740	ng		89
55) Dibenzofuran	14.80	168	376560	41.699	ng		96
56) 4-Nitrophenol	14.64	139	105982m	84.226	ng		
57) 2,4-Dinitrotoluene	14.79	165	96018	44.470	ng		93
58) Fluorene	15.46	166	306592	41.339	ng		97
59) 2,3,4,6-Tetrachlorophenol	15.03	232	97509	46.536	ng		97
60) Diethylphthalate	15.23	149	308466	40.583	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	170015	40.459	ng		97
62) 4-Nitroaniline	15.50	138	59371m	36.478	ng		
63) Azobenzene	15.74	77	328278	36.610	ng		95
65) 4,6-Dinitro-2-methylphenol	15.54	198	48064	43.050	ng		97
66) n-Nitrosodiphenylamine	15.67	169	271497	40.856	ng		98
67) 4-Bromophenyl-phenylether	16.34	248	105747	38.185	ng		95
68) Hexachlorobenzene	16.45	284	125693	39.442	ng		97
69) Atrazine	16.62	200	103757	39.954	ng		99
70) Pentachlorophenol	16.80	266	160552	88.054	ng		97
71) Phenanthrene	17.20	178	522356	41.902	ng		99
72) Anthracene	17.29	178	508757	40.818	ng		99
73) Carbazole	17.57	167	454817	40.441	ng		98
74) Di-n-butylphthalate	18.12	149	538988	39.823	ng		98
75) Fluoranthene	19.22	202	647061	41.024	ng		98
77) Benzidine	19.42	184	280746m	34.079	ng		
78) Pyrene	19.58	202	669996	38.728	ng		100
80) Butylbenzylphthalate	20.48	149	265901	42.266	ng		97
81) Benzo(a)anthracene	21.33	228	678574	37.551	ng		98
82) 3,3'-Dichlorobenzidine	21.27	252	231630	33.584	ng		99
83) Chrysene	21.39	228	691154	39.437	ng		100
84) Bis(2-ethylhexyl)phthalate	21.25	149	397344	40.702	ng		99
85) Di-n-octyl phthalate	22.14	149	692494	42.679	ng		97
86) Indeno(1,2,3-cd)pyrene	25.96	276	805704	38.650	ng	#	100
88) Benzo(b)fluoranthene	22.94	252	725790	38.721	ng		99
89) Benzo(k)fluoranthene	22.99	252	725104	42.408	ng		99
90) Benzo(a)pyrene	23.53	252	700171	41.124	ng		99
91) Dibenzo(a,h)anthracene	25.97	278	688126	38.864	ng		99
92) Benzo(g,h,i)perylene	26.67	276	660887	39.315	ng		98

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

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