Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018541.D
Acq On : 11 Jan 2019 19:09
Operator : JU/SJ
Sample : K1113-01MS
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMS

Manual Integrations APPROVED
Sohil
1/14/2019 4:43:04 PM

Quant Time: Jan 12 00:05:29 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Jan 10 05:57:41 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.76	152	404378	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	1740229	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	1044919	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	2571964	20.00	ng		0.00
76) Chrysene-d12	21.35	240	3053235	20.00	ng		0.00
87) Perylene-d12	23.63	264	3526880	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	1898771	86.70	ng		0.00
7) Phenol-d6	6.93	99	2532920	91.06	ng		0.00
23) Nitrobenzene-d5	8.92	82	1498803	49.93	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1174341	88.26	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	3933636	49.12	ng		0.00
79) Terphenyl-d14	19.79	244	6977238	48.17	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	168578	18.887	ng		95
3) Pyridine	3.68	79	469872	21.115	ng		97
4) n-Nitrosodimethylamine	3.60	42	252667	27.458	ng	#	93
6) Aniline	7.09	93	327252	10.547	ng		97
8) 2-Chlorophenol	7.32	128	742154	29.016	ng		94
9) Benzaldehyde	6.91	77	229229	11.825	ng		97
10) Phenol	6.96	94	871832	30.845	ng		97
11) bis(2-Chloroethyl)ether	7.19	93	567422	25.549	ng		95
12) 1,3-Dichlorobenzene	7.64	146	740652	24.315	ng		98
13) 1,4-Dichlorobenzene	7.79	146	765815	24.806	ng		100
14) 1,2-Dichlorobenzene	8.10	146	739230	25.252	ng		99
15) Benzyl Alcohol	8.00	79	590683	29.402	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.29	45	715075	25.194	ng		95
17) 2-Methylphenol	8.20	107	579812	30.220	ng		99
18) Hexachloroethane	8.82	117	268990	24.436	ng		95
19) n-Nitroso-di-n-propylamine	8.56	70	474354	26.205	ng		95
20) 3+4-Methylphenols	8.53	107	799205	30.175	ng		97
22) Acetophenone	8.58	105	992045	23.045	ng	#	97
24) Nitrobenzene	8.96	77	716508	24.258	ng		97
25) Isophorone	9.48	82	1317523	28.984	ng		97
26) 2-Nitrophenol	9.67	139	395522	27.694	ng		97
27) 2,4-Dimethylphenol	9.72	122	665751	31.100	ng		97
28) bis(2-Chloroethoxy)methane	9.96	93	797481	25.395	ng		98
29) 2,4-Dichlorophenol	10.20	162	729907	28.634	ng		98
30) 1,2,4-Trichlorobenzene	10.41	180	755288	23.872	ng		99
31) Naphthalene	10.60	128	2201157	26.264	ng		99
32) Benzoic acid	9.82	122	143103m	15.086	ng		
33) 4-Chloroaniline	10.72	127	299662	9.079	ng		98
34) Hexachlorobutadiene	10.86	225	453357	22.681	ng		99
35) Caprolactam	11.51	113	229869m	26.524	ng		
36) 4-Chloro-3-methylphenol	11.85	107	767212	28.688	ng		99
37) 2-Methylnaphthalene	12.21	142	1654813	27.946	ng		99
38) 1-Methylnaphthalene	12.43	142	1570577	27.412	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	860426	23.547	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.55	237	980270	48.881	ng		99
43) 2,4,6-Trichlorophenol	12.83	196	608204	27.410	ng		99
44) 2,4,5-Trichlorophenol	12.90	196	664495	28.474	ng		97
46) 1,1'-Biphenyl	13.23	154	2130058	23.346	ng		98
47) 2-Chloronaphthalene	13.27	162	1657859	23.432	ng		100
48) 2-Nitroaniline	13.49	65	466093	26.777	ng		90
49) Acenaphthylene	14.13	152	2768442	26.850	ng		100
50) Dimethylphthalate	13.86	163	2952448	34.404	ng		99
51) 2,6-Dinitrotoluene	13.99	165	488883	26.894	ng		92
52) Acenaphthene	14.47	154	1582450	25.084	ng		99
53) 3-Nitroaniline	14.32	138	284587	15.529	ng		96
54) 2,4-Dinitrophenol	14.53	184	499083	53.353	ng		92
55) Dibenzofuran	14.80	168	2601674	24.959	ng		98
56) 4-Nitrophenol	14.64	139	953436	60.222	ng		95
57) 2,4-Dinitrotoluene	14.78	165	704657	27.398	ng		98
58) Fluorene	15.46	166	2145131	27.626	ng		98
59) 2,3,4,6-Tetrachlorophenol	15.03	232	619717	29.959	ng		98
60) Diethylphthalate	15.23	149	2300693	26.557	ng		100
61) 4-Chlorophenyl-phenylether	15.45	204	1086918	24.287	ng		99
62) 4-Nitroaniline	15.49	138	539520	26.990	ng		99
63) Azobenzene	15.75	77	1786182	25.288	ng		97
65) 4,6-Dinitro-2-methylphenol	15.54	198	393255	26.686	ng		85
66) n-Nitrosodiphenylamine	15.67	169	1906627	23.898	ng		99
67) 4-Bromophenyl-phenylether	16.35	248	665859	23.135	ng		97
68) Hexachlorobenzene	16.45	284	747299	23.193	ng		98
69) Atrazine	16.62	200	746485	25.882	ng		99
70) Pentachlorophenol	16.80	266	1000085	47.393	ng		98
71) Phenanthrene	17.20	178	3541596	25.888	ng		99
72) Anthracene	17.29	178	3611064	27.450	ng		100
73) Carbazole	17.56	167	3422619	25.324	ng		99
74) Di-n-butylphthalate	18.12	149	4049792	27.355	ng		99
75) Fluoranthene	19.22	202	4402152	27.911	ng		98
77) Benzidine	19.42	184	2098598	27.837	ng		100
78) Pyrene	19.58	202	4601972	25.428	ng		100
80) Butylbenzylphthalate	20.49	149	2089592	27.058	ng		94
81) Benzo(a)anthracene	21.33	228	4884645	27.156	ng		100
82) 3,3'-Dichlorobenzidine	21.27	252	1039332	15.280	ng		99
83) Chrysene	21.39	228	4528976	26.075	ng		99
84) Bis(2-ethylhexyl)phthalate	21.26	149	3034498	27.212	ng		99
85) Di-n-octyl phthalate	22.14	149	5436291	28.984	ng	#	95
86) Indeno(1,2,3-cd)pyrene	25.96	276	6446755	32.188	ng		96
88) Benzo(b)fluoranthene	22.94	252	5287178	26.406	ng		98
89) Benzo(k)fluoranthene	22.99	252	4977465m	24.667	ng		
90) Benzo(a)pyrene	23.53	252	5152987	26.882	ng		98
91) Dibenzo(a,h)anthracene	25.97	278	5434187	27.978	ng		98
92) Benzo(g,h,i)perylene	26.67	276	5361664	28.367	ng		97

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

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