Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM020119\
Data File : BM018708.D
Acq On : 01 Feb 2019 16:17
Operator : JU/SJ
Sample : K1297-02MS
Misc :
ALS Vial : 5 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
A0C17-SS1MS

Manual Integrations APPROVED
apatel
2/4/2019 12:44:29 PM

Quant Time: Feb 01 22:17:11 2019
Quant Method : Z:\SVOASRV\HPCHEM1\BNA M\METHODS\8270-BM010919.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jan 18 22:01:30 2019
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.72	152	212132	20.00	ng		-0.02
21) Naphthalene-d8	10.51	136	802828	20.00	ng		-0.02
39) Acenaphthene-d10	14.37	164	422343	20.00	ng		-0.02
64) Phenanthrene-d10	17.12	188	955020	20.00	ng		-0.02
76) Chrysene-d12	21.32	240	1134963	20.00	ng		-0.01
87) Perylene-d12	23.59	264	1193014	20.00	ng		-0.02
System Monitoring Compounds							
5) 2-Fluorophenol	5.31	112	1112216	96.81	ng		-0.02
7) Phenol-d6	6.90	99	1408560	96.53	ng		-0.01
23) Nitrobenzene-d5	8.89	82	843125	60.88	ng		-0.02
42) 2,4,6-Tribromophenol	15.87	330	530981	98.74	ng		-0.02
45) 2-Fluorobiphenyl	12.99	172	1876172	57.97	ng		-0.02
79) Terphenyl-d14	19.76	244	3209166	59.61	ng		-0.01
Target Compounds							Qvalue
2) 1,4-Dioxane	3.26	88	126438	27.003	ng		99
3) Pyridine	3.66	79	332324	28.467	ng		97
4) n-Nitrosodimethylamine	3.58	42	170669	35.355	ng	#	94
6) Aniline	7.06	93	448964	27.583	ng		99
8) 2-Chlorophenol	7.29	128	458598	34.179	ng		97
9) Benzaldehyde	6.88	77	254837	27.907	ng		98
10) Phenol	6.92	94	601929	40.596	ng		99
11) bis(2-Chloroethyl)ether	7.16	93	374536	32.147	ng		96
12) 1,3-Dichlorobenzene	7.60	146	500969	31.352	ng		98
13) 1,4-Dichlorobenzene	7.76	146	510461	31.519	ng		99
14) 1,2-Dichlorobenzene	8.07	146	489737	31.890	ng		99
15) Benzyl Alcohol	7.97	79	354056	33.595	ng		98
16) 2,2'-oxybis(1-Chloropropan	8.24	45	497939	33.443	ng		97
17) 2-Methylphenol	8.16	107	349909	34.766	ng		100
18) Hexachloroethane	8.79	117	168920	29.253	ng		96
19) n-Nitroso-di-n-propylamine	8.53	70	294147	30.976	ng		94
20) 3+4-Methylphenols	8.49	107	468115	33.691	ng		98
22) Acetophenone	8.55	105	613499	30.891	ng	#	96
24) Nitrobenzene	8.93	77	438425	32.175	ng		97
25) Isophorone	9.45	82	767056	36.577	ng		98
26) 2-Nitrophenol	9.63	139	234928	35.656	ng		97
27) 2,4-Dimethylphenol	9.69	122	377738	38.249	ng		99
28) bis(2-Chloroethoxy)methane	9.93	93	486302	33.568	ng		99
29) 2,4-Dichlorophenol	10.16	162	406679	34.582	ng		99
30) 1,2,4-Trichlorobenzene	10.37	180	457351	31.333	ng		99
31) Naphthalene	10.56	128	1362068	35.228	ng		100
32) Benzoic acid	9.77	122	39360m	11.620	ng		
33) 4-Chloroaniline	10.69	127	290185	19.057	ng		98
34) Hexachlorobutadiene	10.83	225	265955	28.841	ng		99
35) Caprolactam	11.49	113	112099m	28.037	ng		
36) 4-Chloro-3-methylphenol	11.80	107	406694	32.964	ng		99
37) 2-Methylnaphthalene	12.17	142	958103	35.073	ng		100
38) 1-Methylnaphthalene	12.40	142	900219	34.058	ng		97
40) 1,2,4,5-Tetrachlorobenzene	12.55	216	482241	32.652	ng		99

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Internal Standards	R.T.	QIon	Response	Conc	Units		Dev(Min)
41) Hexachlorocyclopentadiene	12.51	237	277586	34.246	ng		99
43) 2,4,6-Trichlorophenol	12.79	196	323261	36.043	ng		99
44) 2,4,5-Trichlorophenol	12.87	196	336787	35.705	ng		97
46) 1,1'-Biphenyl	13.20	154	1163790	31.559	ng		99
47) 2-Chloronaphthalene	13.24	162	912827	31.921	ng		100
48) 2-Nitroaniline	13.46	65	244281	34.722	ng		93
49) Acenaphthylene	14.09	152	1442915	34.624	ng		100
50) Dimethylphthalate	13.83	163	1296622	37.382	ng		100
51) 2,6-Dinitrotoluene	13.96	165	240159	32.687	ng		90
52) Acenaphthene	14.43	154	943808	37.014	ng		97
53) 3-Nitroaniline	14.29	138	205506	27.744	ng		98
54) 2,4-Dinitrophenol	14.50	184	73010	23.905	ng		93
55) Dibenzofuran	14.77	168	1482201	35.181	ng		99
56) 4-Nitrophenol	14.60	139	446944	69.845	ng		97
57) 2,4-Dinitrotoluene	14.75	165	328219	31.573	ng		98
58) Fluorene	15.42	166	1299007	41.390	ng		100
59) 2,3,4,6-Tetrachlorophenol	15.00	232	310271	37.110	ng		97
60) Diethylphthalate	15.20	149	1104191	31.534	ng		99
61) 4-Chlorophenyl-phenylether	15.42	204	534693	29.560	ng		98
62) 4-Nitroaniline	15.46	138	223307	27.639	ng		94
63) Azobenzene	15.71	77	884918	30.997	ng		96
65) 4,6-Dinitro-2-methylphenol	15.51	198	83769	17.608	ng		95
66) n-Nitrosodiphenylamine	15.64	169	936370	31.608	ng		99
67) 4-Bromophenyl-phenylether	16.31	248	324411	30.355	ng		99
68) Hexachlorobenzene	16.42	284	365191	30.524	ng		99
69) Atrazine	16.59	200	335568	31.333	ng		98
70) Pentachlorophenol	16.77	266	489199	62.433	ng		99
71) Phenanthrene	17.17	178	5807103	114.319	ng		100
72) Anthracene	17.26	178	2810330	57.533	ng		100
73) Carbazole	17.53	167	2310308	46.036	ng		100
74) Di-n-butylphthalate	18.09	149	1918872	34.907	ng		99
75) Fluoranthene	19.19	202	7398409	126.327	ng		98
77) Benzidine	19.39	184	19275	0.688	ng	#	84
78) Pyrene	19.56	202	6418459	95.407	ng		99
80) Butylbenzylphthalate	20.46	149	992619	34.578	ng		94
81) Benzo(a)anthracene	21.30	228	4732894	70.786	ng		99
82) 3,3'-Dichlorobenzidine	21.24	252	517104	20.452	ng		99
83) Chrysene	21.36	228	4392874	68.037	ng		98
84) Bis(2-ethylhexyl)phthalate	21.22	149	1519541	36.657	ng		100
85) Di-n-octyl phthalate	22.11	149	2608616	37.415	ng		95
86) Indeno(1,2,3-cd)pyrene	25.89	276	3680194	49.431	ng		96
88) Benzo(b)fluoranthene	22.91	252	4876795	72.003	ng		99
89) Benzo(k)fluoranthene	22.95	252	3147559	46.113	ng		98
90) Benzo(a)pyrene	23.49	252	4065329	62.696	ng		98
91) Dibenzo(a,h)anthracene	25.90	278	2480895	37.760	ng		99
92) Benzo(g,h,i)perylene	26.60	276	3156616	49.372	ng		98

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

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