Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018542.D
Acq On : 11 Jan 2019 19:45
Operator : JU/SJ
Sample : K1113-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Manual Integrations APPROVED
Sohil
1/14/2019 4:43:07 PM

Quant Time: Jan 12 00:06:27 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	411213	20.00	ng		0.00
21) Naphthalene-d8	10.55	136	1777051	20.00	ng		0.00
39) Acenaphthene-d10	14.40	164	1077445	20.00	ng		0.00
64) Phenanthrene-d10	17.16	188	2603134	20.00	ng		0.00
76) Chrysene-d12	21.35	240	3165316	20.00	ng		0.00
87) Perylene-d12	23.63	264	3639971	20.00	ng		0.00
System Monitoring Compounds							
5) 2-Fluorophenol	5.35	112	2346016	105.34	ng		0.00
7) Phenol-d6	6.93	99	3127478	110.57	ng		0.00
23) Nitrobenzene-d5	8.92	82	1863664	60.80	ng		0.00
42) 2,4,6-Tribromophenol	15.90	330	1454660	106.03	ng		0.00
45) 2-Fluorobiphenyl	13.02	172	4816717	58.33	ng		0.00
79) Terphenyl-d14	19.79	244	8534168	56.84	ng		0.00
Target Compounds							Qvalue
2) 1,4-Dioxane	3.28	88	202438	22.303	ng		95
3) Pyridine	3.68	79	579814	25.622	ng		96
4) n-Nitrosodimethylamine	3.60	42	310332	33.164	ng	#	95
6) Aniline	7.09	93	519491	16.464	ng		99
8) 2-Chlorophenol	7.32	128	903435	34.735	ng		95
9) Benzaldehyde	6.91	77	266379	13.689	ng		94
10) Phenol	6.96	94	1081225	37.617	ng		97
11) bis(2-Chloroethyl)ether	7.19	93	689963	30.550	ng		95
12) 1,3-Dichlorobenzene	7.64	146	903330	29.163	ng		99
13) 1,4-Dichlorobenzene	7.79	146	927169	29.533	ng		99
14) 1,2-Dichlorobenzene	8.10	146	900520	30.250	ng		99
15) Benzyl Alcohol	8.00	79	725084	35.492	ng		97
16) 2,2'-oxybis(1-Chloropropan	8.27	45	864933	29.968	ng		96
17) 2-Methylphenol	8.20	107	717896	36.796	ng		99
18) Hexachloroethane	8.82	117	327277	29.237	ng		93
19) n-Nitroso-di-n-propylamine	8.56	70	586696	31.873	ng		92
20) 3+4-Methylphenols	8.53	107	991653	36.818	ng		99
22) Acetophenone	8.58	105	1216033	27.662	ng	#	98
24) Nitrobenzene	8.96	77	891454	29.556	ng		98
25) Isophorone	9.48	82	1626398	35.037	ng		97
26) 2-Nitrophenol	9.67	139	496959	34.075	ng		95
27) 2,4-Dimethylphenol	9.73	122	823182	37.657	ng		99
28) bis(2-Chloroethoxy)methane	9.97	93	989891	30.869	ng		98
29) 2,4-Dichlorophenol	10.20	162	892171	34.275	ng		99
30) 1,2,4-Trichlorobenzene	10.41	180	917516	28.398	ng		99
31) Naphthalene	10.60	128	2691046	31.444	ng		99
32) Benzoic acid	9.80	122	79689m	11.183	ng		
33) 4-Chloroaniline	10.72	127	440968	13.083	ng		98
34) Hexachlorobutadiene	10.86	225	546705	26.784	ng		99
35) Caprolactam	11.52	113	289204m	32.679	ng		
36) 4-Chloro-3-methylphenol	11.85	107	953231	34.906	ng		98
37) 2-Methylnaphthalene	12.21	142	2026304	33.511	ng		99
38) 1-Methylnaphthalene	12.43	142	1947955	33.294	ng		99
40) 1,2,4,5-Tetrachlorobenzene	12.58	216	1051201	27.900	ng		99

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018542.D
Acq On : 11 Jan 2019 19:45
Operator : JU/SJ
Sample : K1113-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Manual Integrations APPROVED
Sohil
1/14/2019 4:43:07 PM

Quant Time: Jan 12 00:06:27 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)
41) Hexachlorocyclopentadiene	12.55	237	1074357	51.955	ng		100
43) 2,4,6-Trichlorophenol	12.83	196	755102	33.002	ng		99
44) 2,4,5-Trichlorophenol	12.90	196	827756	34.399	ng		98
46) 1,1'-Biphenyl	13.23	154	2636234	28.022	ng		98
47) 2-Chloronaphthalene	13.27	162	2052572	28.136	ng		99
48) 2-Nitroaniline	13.49	65	582094	32.432	ng		92
49) Acenaphthylene	14.13	152	3412124	32.094	ng		99
50) Dimethylphthalate	13.87	163	3610939	40.807	ng		99
51) 2,6-Dinitrotoluene	13.99	165	609960	32.542	ng		92
52) Acenaphthene	14.47	154	1949811	29.974	ng		98
53) 3-Nitroaniline	14.33	138	398375	21.082	ng		95
54) 2,4-Dinitrophenol	14.53	184	558393	57.279	ng		95
55) Dibenzofuran	14.80	168	3197221	29.747	ng		98
56) 4-Nitrophenol	14.64	139	1178562	72.194	ng		95
57) 2,4-Dinitrotoluene	14.78	165	883081	33.298	ng		96
58) Fluorene	15.46	166	2640928	32.984	ng		99
59) 2,3,4,6-Tetrachlorophenol	15.03	232	759430	35.605	ng		98
60) Diethylphthalate	15.23	149	2811358	31.472	ng		99
61) 4-Chlorophenyl-phenylether	15.45	204	1337472	28.983	ng		97
62) 4-Nitroaniline	15.49	138	684700	33.219	ng		97
63) Azobenzene	15.74	77	2203141	30.250	ng		96
65) 4,6-Dinitro-2-methylphenol	15.54	198	485653	31.374	ng		88
66) n-Nitrosodiphenylamine	15.67	169	2344872	29.039	ng		99
67) 4-Bromophenyl-phenylether	16.34	248	826458	28.371	ng		99
68) Hexachlorobenzene	16.45	284	929350	28.498	ng		98
69) Atrazine	16.62	200	910292	31.183	ng		99
70) Pentachlorophenol	16.80	266	1227771	57.486	ng		99
71) Phenanthrene	17.20	178	4360213	31.491	ng		99
72) Anthracene	17.29	178	4432937	33.294	ng		100
73) Carbazole	17.56	167	4215800	30.819	ng		100
74) Di-n-butylphthalate	18.12	149	5007097	33.417	ng		99
75) Fluoranthene	19.22	202	5447526	34.125	ng		98
77) Benzidine	19.41	184	2507992	32.089	ng		100
78) Pyrene	19.58	202	5608418	29.892	ng		100
80) Butylbenzylphthalate	20.48	149	2583789	32.273	ng		98
81) Benzo(a)anthracene	21.33	228	5972566	32.029	ng		100
82) 3,3'-Dichlorobenzidine	21.27	252	1321896	18.747	ng		99
83) Chrysene	21.39	228	5627954	31.254	ng		100
84) Bis(2-ethylhexyl)phthalate	21.26	149	3728713	32.253	ng		99
85) Di-n-octyl phthalate	22.14	149	6716470	34.542	ng	#	94
86) Indeno(1,2,3-cd)pyrene	25.96	276	8050645	38.772	ng		96
88) Benzo(b)fluoranthene	22.94	252	6556660	31.728	ng		98
89) Benzo(k)fluoranthene	22.99	252	6089328	29.239	ng		98
90) Benzo(a)pyrene	23.53	252	6390418	32.301	ng		98
91) Dibenzo(a,h)anthracene	25.97	278	6758048	33.713	ng		98
92) Benzo(g,h,i)perylene	26.67	276	6623766	33.956	ng		97

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

Quantitation Report (QT Reviewed)

Data Path : Z:\SVOASRV\HPCHEM1\BNA M\DATA\BM011119\
Data File : BM018542.D
Acq On : 11 Jan 2019 19:45
Operator : JU/SJ
Sample : K1113-01MSD
Misc :
ALS Vial : 8 Sample Multiplier: 1

Quant Time: Jan 12 00:06:27 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

Instrument :
BNA_M
ClientSampleId :
BCB-COMPOSITEMSD

Manual Integrations APPROVED
Sohil
1/14/2019 4:43:07 PM